

FY 2023

IMPACT REPORT



DELIVERING DIGITAL SKILLS AT SCALE

March 2023

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FOREWORD



Inderpreet Sawhney
Chairperson
Infosys Foundation USA

Expanding inclusive access to K-12 computer science education and delivering upon the broader commitment to advancing equitable digital skills for all remains the most critical work of this generation. At the Infosys Foundation USA, we remain committed to investing in programs that will help bridge the digital skills gap. This year alone we have impacted 1.3 million students in the U.S. and are working towards the Infosys ESG Vision 2030 goal of impacting 10 million people globally by delivering digital skills to them.

The Foundation’s non-profit partners are working daily to push the frontier of computer science for all - from training K-12 educators to bringing dynamic afterschool coding programs to children in marginalized communities, sparking imaginations in makerspaces, museums, and libraries, and ensuring that we are culturally inclusive of all communities. Through our own Infosys Springboard USA digital learning platforms, we hope to amplify this work by reaching not only the K-12 community; but also bringing free digital learning in the latest technology and lifelong leadership skills to the wider post-secondary learners and professionals.

Together, we can increase our impact with educators and learners so that we are workforce-ready for an increasingly digital economy. I am thrilled to be working with changemakers who are shaping a new landscape.

I want to thank all of you for your inspired partnership with the Foundation and for helping us all achieve transformational impact for this generation and those to come. I am confident that our efforts will continue to make a positive impact on the communities we serve.

Sincerely,

inderpreet sawhney

Group General Counsel and Chief Compliance Officer, Infosys
Chairperson, Infosys Foundation USA

LETTER FROM EXECUTIVE DIRECTOR



Kate Maloney
Executive Director
Infosys Foundation USA

DELIVERING DIGITAL SKILLS AT SCALE

As the Executive Director of the Foundation, I am honored to present our Impact Report for Fiscal Year 2023. Throughout the year, we aimed to engage and build digital skills both in-person and within online digital settings, and I am proud to say that we have successfully delivered upon our commitments.

Our efforts began with Teacher Appreciation Week in May, followed by our signature Pathfinders Summer Institute 2022, which was the most widely attended to date. We actively listened to our teachers and provided them with the flexibility they needed in terms of timing and format, which they embraced. None of this would have been possible without our fantastic PD provider partners, to whom we remain grateful for their continued enthusiasm and collaboration.

During the year, we resumed in-person classroom engagements, opened libraries, and activated makerspaces with 3D-printers. We also engaged with our non-profit partners who provided dynamic digital skills and professional development to teachers. Our Foundation team was able to attend several important events, such as the Thurgood Marshall College Fund’s ‘Teacher Quality and Retention Program’ as their official STEM Sponsor in Houston, TX; the CSTA Annual Conference in Chicago, IL; the CSforAll Summit in Memphis, TN; KID Museum trainings for Latinx educators across the country, and our own CrossRoads 2023 conference in Tempe, AZ where we welcomed 237 leaders in CS and making for two days of dynamic and passionate networking that pushed the next frontier – into space and beyond! We even made a commitment to gather at the NASA Space Center in October to witness the Psyche Mission take off, a fantastic metaphor for our mission.

While we embraced in-person programming and interactions, we did not neglect our commitment to provide free content year-round on Infosys Springboard USA, our digital learning platform. Within our K-12-focused Pathfinders Online Institute, we expanded curated content to include Spanish-language, AI and Cybersecurity courses.

The Foundation also expanded its commitment to reach post-secondary learners and professionals who are seeking to ‘upskill’ on the Digital Academy. We offer over 10,000 courses across computer science, making, data science, cybersecurity, AR/VR, and critical leadership skills that will help the next generation engage in technology-enabled industries. Through this initiative, we are working jointly with our global Infosys colleagues in delivering digital skills to 10 million by 2025. We welcome you to create a

personal account and start your digital learning journey today.

None of our successes would have been possible without the support of our Trustees, the CSR Council, and a myriad of fantastic Infosys volunteers who contributed to the Infy App Challenge 3.0; who welcomed us to Hartford, CT for the Lt Gov Coding Challenge Recognition Event; to Raleigh, NC for our Kode w/ Klossy summer STEM camp for girls; to NYC for the International Day of the Girl SDG-focused Design Thinking workshop; and lastly to Tempe, AZ to deliver our CrossRoads 2023 conference – which undoubtedly would not have been possible without their contributions. I would like to extend a special thank you to all for your support and dedication to our mission.

Thank you to the wider CS and maker education community and our Infosys colleagues for your continued partnership. We look forward to a transformative year ahead.



Kate Maloney
Executive Director



Infosys Foundation USA team, February 2023



INFOSYS FOUNDATION USA OVERVIEW

The mission of Infosys Foundation USA is to expand computer science and maker education to K-12 students and educators across the United States, and to deliver digital skills for all, particularly within underrepresented communities.



K-12 Teacher Training:



Foundation's signature Pathfinders Institute is an intensive professional development experience for K-12 teachers in computer science and maker education held both in person and virtually. In 2022, Pathfinders Summer Institute took place both virtually, via the Pathfinders Online Institute and in-person in the US Virgin Islands.



Digital Skills training K-12 to workforce:

Foundation contributes to the Infosys "ESG Vision 2030" commitment to bring digital skills to 10 million by 2025 through two digital learning platforms of the Infosys Springboard in the USA:

  for K-12 educators and students

  for higher education learners and professionals seeking to 'upskill'.



Grants and Partnerships:

Foundation partners with leading nonprofits to deliver inclusive computer science and maker education programs nationally: Code.org, CSforAll, Kode with Klossy, Black Girls Code, Boys and Girls Clubs of Hartford, Opera on Tap, Tech Kids Unlimited, Thurgood Marshall College Fund and the Televisa Foundation are some of our partners.



Media and Advocacy:

Foundation hosts micro grant competitions and media campaigns to promote digital inclusion. The Infy Makers Awards is a prestigious national award that recognizes outstanding educators in CS and maker education. The CS Teaching Excellence Awards, in partnership with the Computer Science Teachers Association, recognizes exceptional educators in CS field.



FY 2023 IMPACT AT A GLANCE



**EDUCATORS
IMPACTED**

44 k*
FY 23

1 MILLION
since 2015



**STUDENTS
IMPACTED**

1.3 MILLION*
FY 23

24 MILLION
since 2015



48 GRANTS*
provided to
nonprofits



**1,054 KITS AND
LICENSES***
offered free to
Title 1 educators

**Infosys
Springboard**

**21k
ACCOUNTS**
on the Digital Academy
and the Pathfinders
Online Institute

**CrossRoads
2023**

**237 LEADERS
IN CS AND
MAKER ED**
attended the
signature event



150 INFOSYS VOLUNTEERS
contributed to Foundation
programming

TEACHER TRAINING



Pathfinders Summer Institute 2022

In the summer of 2022, the Foundation hosted its signature Pathfinders Summer Institute program virtually from June to August. The program offered 14 courses across a range of dates, times and formats and registered the highest number of educators (577) ever.

In June, the Foundation expanded the Pathfinders Summer Institute model through a pilot with the University of the Virgin Islands and the Georgia Institute of Technology to deliver an in-person Pathfinders Summer Institute USVI. This unique professional development program offered 70 educators from St. Thomas, St. Croix, and St. John a chance to engage in computer science and maker education curriculum from Chibitronics, BirdBrain, and Micro:bit in a fun, hands-on, and meaningful way. The program successfully delivered digital skills training while highlighting the cultures of educators from a traditionally under-represented region.

PD providers from the virtual 2022 Pathfinders Summer Institute:



TEACHER SPOTLIGHTS:

Marisska Richards Nurse, high school teacher

Marisska is a Pathfinders 2022 Summer Institute USVI alumnus. Upon completion of her training, she applied for and successfully received a loan of 20 Finch Robots through the Finch loan program. As a result of her one-day workshop in St Croix, she is spearheading a semester-long robotics program at her school and possibly beyond. Marisska's story is one that the Foundation hopes to replicate everywhere, to every teacher who attended a Pathfinders Institute course: the one course a teacher takes that finds its way into a longer, broader program that benefits hundreds of students.

Kelly Parker, elementary school teacher

Kelly is a 4th and 5th grade coding and STEM educator who attended both the Tynker Coding course from Tynker and the Scrappy Circuits, and Invention Literacy course from Makey Makey at the virtual Pathfinders Summer Institute 2022. One of her biggest takeaways was her ability to incorporate coding into other core subjects to make the subjects more accessible to her students. Now a distinguished Tynker educator, Kelly has been able to pass down her excitement and passion for coding to her students, who are now sending her videos and pictures from their own STEM projects they've developed at home.

PD PROVIDER SPOTLIGHT:

Creative Robotics in ANY Class, Intro to Hummingbird Robotics Kit with CodeJoy

One of the Pathfinders Summer Institute 2022 PD providers, CodeJoy, trained a total of **230 teachers**, who returned to their classrooms and serve more than **45,000 students** with the hardware and PD they received for free through the program. In addition, CodeJoy also delivered interactive student sessions to teachers who "brought a friend" from their district to the workshops. This was an effort to encourage teachers to build a team of robotics-competent teachers within their district.



CSPD Week in AZ

Foundation sponsored the Computer Science Professional Development (CSPD) week hosted by the Computer Science Teachers Association (CSTA) and CSTA Arizona in Phoenix from June 20-24, 2022. This in-person, one-week professional development event brought together **over one**

hundred K-12 teachers to learn, connect, and expand high-quality, inclusive, and rigorous computer science education for K-12 students across Arizona. Among the participating K-12 teachers, **more than half were from Title 1 schools and one third were first time teachers.**



"This week brought together educators of different disciplines, staff members, facilitators, event-partners from all parts of Arizona; provided them with ample learning and networking opportunities. I highly recommend educators and administrators to attend this next year to get information on bringing CS to their schools."

– Arizona Educator

Firia Labs Professional Development

Foundation sponsored a professional development event from Firia Labs in partnership with the AZ SciTech Institute at the Infosys Innovation Center in Tempe. The in-person event brought **18 AZ-based middle and high school educators** together for a day-long training in Python code and a comprehensive overview of how they can bring real-world programming language to the students in their classrooms. The training was successful and as one of the participants described.

"Today's experience was amazing. My knowledge went from a zero to about a three! I teach K-8 and I would definitely recommend this program."

- Tucson AZ-based Elementary CS Educator



INFOSYS SPRINGBOARD IN THE USA

In FY 23, the Foundation expanded its Infosys Springboard USA digital learning platforms to reach not only K-12 educators and students; but push beyond to bring digital skills to higher education learners and professionals seeking to upskill in the latest technology and leadership skills.

Digital Academy

The Digital Academy is an upskilling platform of thousands of free, on-demand courses. It now has over 10,000 courses on latest tech trends including ML/AI, data science, cyber security, and leadership and management skills.

Pathfinders Online Institute

During FY23, the Pathfinders Online Institute welcomed more than 10k new learners thanks to the addition of 17 new courses that cover a wide range of topics, from cybersecurity and robotics to coding a song and producing an opera. These new courses were carefully curated to ensure a high degree of diversity and inclusion, reaching

underrepresented communities, such as the neurodiverse and English language learners. As of now, the platform hosts over 17,000 account holders.

Below, we've highlighted a sample of courses that were introduced in FY23:

- **Coding Music in Python:** Produced by Black Girls CODE and GoldieBlox, this course teaches middle through high school students basic Python programming language through music. The modules cover a range of programming concepts, including function calls and arguments, assigning variables, and representing musical beats as strings, for loops, defining functions, reading input, and if-statements. By the end of the 5-module course, students will be able to make their own music using Python.
- **Cuantrix:** The first set of courses in Spanish on the Pathfinders Online Institute, these modules were produced by Televisa Foundation and designed to engage Latinx students in CS. "Cuantrix Elementary" for K-5 students teaches the basics of coding while "Cuantrix Advanced," covers more advanced topics such as website coding, app development, and AI for grades 6-10
- **Digital Empowerment for your Future:** the course, produced by scholars from Tech Kids Unlimited, was specifically designed by and for neurodiverse students. This innovative curriculum equips teachers with the necessary tools to effectively teach neurodiverse students about the digital world. The course covers essential topics such as online safety, privacy, recognizing scams and misinformation, and smart security practices.
- **Cyber A.C.E.S.:** The first course in cybersecurity, this course is produced by Palo Alto Networks and aims to demystify cybersecurity through interactive learning, equipping kids ages 5 to 15 with the resources to have safer online experiences, become good digital citizens, and protect their digital future.

CROSSROADS 2023



“CrossRoads 2023 was AMAZING. I appreciated every part of this event; the smaller crowd allowed for meaningful networking with like-minded, brilliant, and dedicated people.”

“I thought this conference was perfect”

“One word to describe the conference: mind blowing”

“I have never attended such a well-organized and inspiring event”

Foundation delivered a successful #InfyXRoads 2023 in February, where we welcomed over 237 passionate educators, thought leaders and implementers of computer science and maker education to the Infosys Phoenix Technology and Innovation Center in Tempe, AZ. With the theme, “Decoding you Passion for CS,” CrossRoads 2023 was purposefully designed to drive innovative thinking and radical collaboration. Over the course of three days, participants engaged in highly interactive peer-learning, idea generation, and networking along the themes of inclusive communities, diverse pathways, and innovative partnerships to advance digital skills. With fifteen breakout sessions, nine 'Spark Talks' and four keynote speeches, along with hands-on activities at the Arizona Science Center CREATE maker

space and an immersive XR/VR Dreamscape Learn experience at Arizona State University, the conference provided a diverse and dynamic platform for exploring both the current and future state of computer science and maker education K-12 and higher-education classrooms.

Participants were challenged to consider the current tools, policies, and modalities used to engage K-12 students and educators in CS; as well as topics as wide-ranging as universal basic CS education, best practices in policy implementation, and the teaching of digital skills in an AI-driven world. We were honored to have keynote presentations about the NASA Psyche Mission; about the lessons of Greg Behr's TV icon Mr. Rogers, as captured in his book "When You Wonder, You're Learning"; about the intersection of opera and technology for underserved communities and about how to bring bilingual approaches to space exploration. The conference was also marked by contributions from educators who successfully use instructional modalities for students who are neurodiverse, deaf, or blind, as well those from indigenous communities in the US. Furthermore, we heard from industry leaders about what it will take to fully prepare students for careers in a digital economy.

One of the most inspiring moments at the conference was hearing from Viviana and Natalia, two young students who aspire to become world-class computer scientists. Their words reminded us of our mission of expanding K-12+ CS and maker education across the US, and the Foundation firmly believes that together, we can achieve this goal.

"I had the best time learning from the fellow participants. The entire experience was curated with such attention to care and love. I felt very special! The work of bringing CS to a large district can be daunting at times but knowing that you and the founder are there on the journey makes it all the more doable!"

"...during every conversation, all I felt was mutual interest and respect to learn from each other. I've never experienced this type of professional gathering where there really was not a stranger in the room just a new person to connect with and learn."

"I love the collaboration of two communities of practice -- CS and Makers - at Crossroads that often don't work explicitly together."



DIVERSITY AND INCLUSION SPOTLIGHTS



Kode with Klossy STEM Summer Coding Camp

“I’ve found that this experience reignited a passion for computer science in me. It helped so much being around people that looked like me and were willing to help and be patient. I genuinely learned a lot and feel a lot more confident in my skills” - 2022 Scholar

“It is a memory that I will cherish for a long time. It was amazing interacting with the young scholars, and it took me back to the days when I was one of them, eager and ready to learn. I would like to extend my gratitude to Infosys Foundation USA for organizing such a wonderful event, and I am honored to be part of it.” - Infosys volunteer

Across the US, only 32% of students enrolled in computer science courses are female, and only 26% of the tech workforce is female*. To increase the number of girls in STEM, the Foundation launched a partnership with Kode with Klossy, a non-profit that hosts free summer coding camps for young women and gender nonconforming students. In July 2022, the Foundation welcomed 25 middle and high school learners to the Infosys Tech and Innovation Hub in Raleigh, NC. During the camp, students learned about computing and developed impressive websites to tackle a societal challenge. They also received career advice during a series of “Tech Career Talks” from Infosys volunteer mentors who provided first-hand professional insights and feedback on the scholars’ final web app designs.

TMCF/ TQRP: Supporting Black Educators



Across the US, 15% of public-school students are black, yet only 7% of educators identify as the same. Teachers of color are in high demand, yet supply is low and attrition rates are high. To attract and maintain more black educators in the STEM field, the Foundation launched a three-year partnership with the Thurgood Marshall College Fund. Within this partnership, the Foundation is the official STEM Sponsor of its Teacher Quality & Retention Program (TQRP) Summer Institute, which aims to invest in the future pipeline of Black STEM educators.

The Foundation was thrilled to participate in the first TQRP Summer Institute in Houston, TX in July 2022. This 10-day hands-on training program helps pre-service and aspiring K-12 educators develop their pedagogical skills while equipping them to succeed in challenging teaching

“TQRP allows teachers to heal themselves and learn how they can support their students... It also prepares educators to instill social and emotional learning into the pedagogy, so we are teaching them academically but also supporting them emotionally and socially”

“I truly believe that if more educators had the opportunity to join a program like TQRP, America’s education system and teacher retention rate would be higher.”

environments. The TQRP welcomed approximately 70 fellows from 55 cities, 29 HBCUs. Notably, about 30% of the cohort were Black males, which is significant given that Black males make up less than 2% of the teacher workforce in public schools in America. Fellows received content sessions on Social Emotional Learning and Instructional Technology, Culturally Responsive Pedagogy, Standards-based Math Instruction, Classroom Management, Data-driven Instruction, and more.

The 70 fellows who participated in the 2022 TQRP institute are collectively reaching an impressive number of 6,200 students. Among those, 3,100 are female, 1,030 are Latinx, 255 are native American, 4,040 are African American, and 700 are students with disabilities.



At the closing ceremony of the 2022 TQRP Institute, Foundation ED moderated a panel "Digital Transformation: Tech Career Talk" with leaders from the I-Believe ERG of Infosys and a guest panelist from BP. The speakers shared candid and insightful remarks with the K-12 Black STEM scholars about how to eliminate bias, to be cultural change agents in the classroom and to be servant leaders within their school systems so that all students can be STEM creators of future technologies.

Community High School Hackathon for Latinx Students

The Foundation expanded its commitment to English language learners by sponsoring an in-person hackathon, "Ready.Set.Code", with the Televisa Foundation, for 54 Latinx students at the Carl T. Hayden Community High School in Phoenix, AZ. The hackathon included workshops on design thinking and machine learning, led by industry professionals, and two Infosys employees volunteered their time to work with the students.

"I think if we see more people who look like us in careers that interest us, we are more likely to pursue these technology jobs"

- Student participant



Digital Nest- Infy Latinx Scholars Program



The Foundation partnered with Digital NEST to launch the Infy Latinx Scholars Program. This innovative partnership featured a dynamic social media campaign during Hispanic Heritage Month, spotlighting inspiring success stories of Latinx students from underserved communities who have benefitted from seven years of positive community engagement through Digital NEST.

In addition to media exposure, Digital NEST offered unique financial scholarships to support youth members participating in a NEST program. These individual awards sponsor youth at different stages of their NEST journey, providing them with technology, mentorship, and other support. Grant funding also supports student-to-student content for a course on the Pathfinders Online Institute, which will be ready in FY 24.

SUPPORTING MAKER-CENTERED LEARNING

CodeCrew: Tech Wearables

The Foundation and CodeCrew announced a new partnership that will deliver an after-school and summer program specifically for girls, "Designers and Data: Tech Wearables," at five library branches across Memphis, TN. The program targets students in grades 7-12 and aims to blend fashion, coding, and data science in fun wearable technologies. An estimated 100 students will participate in the program culminating in a "fashion show" where the girls will showcase their finished designs. This innovative project seeks to attract and retain girls in STEM fields where they have historically been underrepresented or excluded.

HHF and KID Museum Latinx Educator Training

The Foundation, in partnership with the Hispanic Heritage Foundation and KID Museum, launched a professional development program, 'Latinx Educator Maker Lab: Making CS Possible.' The program carried out **four in-person trainings with a total of 65 teachers**. Each training was followed up by a three-part virtual workshop, which provided support and investment for Latinx educators with a focus on digital skills, tech equity, and CS/maker education. These educators will form a national cohort and continue receiving mentorship over the coming academic year, helping to inspire their Latinx students to learn the principles of computer science through making. It is anticipated that these educators will impact 1,500 Latinx students

Boys and Girls Clubs of Hartford, CT Maker Spaces

The Foundation partnered with the Boys and Girls Clubs of Hartford (BGCH), the founding organization of the National Boys and Girls Clubs movement, in 2019 for an innovative maker space project which aimed to engage young students with computer science and maker education. With the Foundation's funding, in 2020, the first BGCH maker space opened in their Asylum Hill club, serving over **640 students** from about **70 local schools**. Members were able to engage in fun, safe, hands-on learning experiences that will support awareness and learning in STEM. In 2022, the Foundation doubled down on its commitment by sponsoring the development of makerspaces in three more club locations. These additional STEM Makerspaces will focus on **200 at-risk youth in grades 4 – 12** with the expectation of reaching an additional **1,000 students**.



EVENT HIGHLIGHTS

International Day of the Girl

On October 11, 2022, in recognition of International Day of the Girl, the Foundation hosted **35 NYC-based middle school girls** for an interactive design-thinking workshop in partnership with the International Telecommunication Union (ITU), the United Nations International Computing Center (UNICC), the Micro:bit Educational Foundation, and the NYC Mayor's Office of International Affairs. The event included hands-on mentorship and career insights from Infosys and WongDoody volunteers for the students who are part of the Junior Ambassadors program which uses the lens of the

UN Sustainable Development Goals to enable youth to see themselves as global citizens.



CSforAll Summit



The Foundation sponsored the Opening Ceremony of the CSforAll Summit at the Memphis Public Library where we announced a grant to CodeCrew, a leading computer science nonprofit in Memphis, TN. During the conference, ED Kate Maloney expanded upon the Foundation's commitment to local engagement on the 'Accelerating Local Communities Towards CS Education' panel by stressing the importance of active engagement with stakeholders when designing inclusive computer science programs.

CSTA Summit - CS Teaching Excellence Awards Reception

The Foundation sponsored the CS Teaching Excellence Awards Reception at the annual CSTA conference from July 14 – 17, 2022. The Foundation **recognized 10 winners and 5 honorable mentions** with several educators and past CS Teaching Excellence Awardees in attendance.



MEDIA CAMPAIGNS AND MICRO-GRANT COMPETITIONS



The InfyMakers Award

> \$1 million provided*
> 100 schools and organizations supported

In 2022, Foundation modified the Infy Makers Award slightly designating them solely for K-12 computer science and STEM educators who were bringing innovative maker focused classrooms on the heels of the COVID 19 pandemic. The ten winners all come from Title 1 schools with a variety of backgrounds, including those working in rural communities and those serving neurodiverse students or students with disabilities. The ten winners were announced at the NOMCON conference on June 27, 2022. They are listed below:

2022 Infy Maker Award winners:

- Brandon Beltz, Charlevoix-Emmet Intermediate School District
- Tabitha Berger, Floyd County School of Innovation
- Megan Hawkins, Shoals Community School
- Karie Huttner, Savanna Oaks Middle School
- Pedro Melendrez, Franklin High School
- Tosha Miller, List Elementary School
- Corey Rice, Daniel Hand High School
- Laura Roberts, Northridge Local Schools - Northridge Middle School
- Nate Shilcosky, Forest Hills School District
- Eric York, Tulare Union High School

*Foundation has sponsored the Infy Makers Awards since 2015

**Foundation has sponsored the CS Teaching Excellence Awards since 2017



CS Teaching Excellence Awards

\$260k provided**
55 educators awarded

Foundation sponsors the annual CS Teaching Excellence Awards with the Computer Science Teaching Association (CSTA), seeking to recognize outstanding K-12 computer science teachers nationally with a focus on equity and inclusion. This year's winners excelled at inspiring students to explore the computer science field, engaged students in learning rigorous standards-aligned computer science content, and broadened the participation of underrepresented students in computing. In 2022, Foundation expanded its funding to award ten national winners and five honorable mentions, as well as 28 regional awards.

2022 winners: Nicholas M. Bousquet, Yolanda Kol, Adam Lueken, Melanie Haley Olson, Khamphet Pease, Samuel K. Puich, Agustin Sarmiento, Devon Senneseth, Timothy Clifford Swick, Catherine Tabor.

Five honorable mentions: Tonya Coats, Taghrid Elmeligui, Annie Kelly, Mark Nechanicky, and Adam S. Riaz.

Mission Unstoppable



CBS Mission Unstoppable is a TV series produced by Hearst/Litton TV, executive-produced by Geena Davis and Miranda Cosgrove to promote STEM for girls. Foundation completed its third partnership to highlight Pathfinders Institute alumni who are going above and beyond in bringing inclusive computer science education to their students. Since 2021, Foundation has collaborated with Mission Unstoppable to showcase extraordinary CS educators who are Pathfinders Institute alumni. In FY 23, two additional educators were featured on the show:

- Tonya Coats, an elementary school educator in Southern California for over 20 years, received an honorable mention for the 2022 CS Teaching Excellence Award. Tonya is enthusiastic about integrating CS throughout all school subjects and currently instructs a before and after school robotics club.
- Tabitha Berger, a 2022 Infy Makers Award Winner from Floyd County School of Innovation, is passionate about teaching CS through an innovative approach where students learn not only coding but also problem solving, critical thinking, teamwork, and self-confidence.

DonorsChoose 2x Match

The Foundation worked with its long-standing partner, DonorsChoose, to support K-12 teachers with instructional equipment and kits to teach computer science. The Foundation launched three campaigns during FY23: Pathfinders Summer Institute 2022 “Back to School” 2x Match Offer; World Teacher Day 2x Match Offer and Giving Tuesday. Each campaign invited donors to contribute to a STEM classroom project created by a Pathfinders Institute alumnus. Every dollar donated was matched by the Foundation, so that more teachers can bring computer science and making into their classrooms.

Since September 2022, the Foundation matched **over \$45.6k in outside donations, while funding over 143 school STEM projects, making the total amount donated to support STEM teacher almost \$100k.**



EMPLOYEE ENGAGEMENT



Infy App Challenge 3.0

The Foundation renewed its partnership with the non-profit, PENCIL, for the "Infy App Challenge 3.0," a four-month spring semester program where select NYC high school students work with Infosys mentors to develop an app that addresses a societal issue. The program helps students learn technical skills, team collaboration, and communication capabilities. Infosys industry leaders act as mentors and judges, with winners receiving cash prizes. **Since 2020, 48 Infosys employees have served as mentors and judges, directly impacting approximately 500 students.**

"The Infy app Challenge allowed me to create great connections with other people and grow overall as a human being,"

- Student

"Happy to have been a brain to pick, an ear to listen to, and a push in the right direction. Kudos to Infosys Foundation USA and PENCIL, Inc. for the wonderful initiative!"

- Infosys volunteer

Million Women Mentors

During CSEd Week, the Foundation partnered with Million Women Mentors and Learning Blade to raise awareness for girls in STEM by showcasing role models in a video series called "See IT to Be IT: Women in Computer Science." Four Infosys women leaders shared their advice and insights about their careers in computer programming, data science, and more. **These videos have been viewed more than 1,090 times.**

Newark NJ - Career Panel for High School Students

In February of 2022, 17 Infosys employees volunteered to mentor a cohort of about 30 students at the Newark School of Data Science and IT to provide advice from their professional, academic, and personal experiences. Opening its doors in 2021, the Newark School of Data Science and IT is a magnet high school to help students who have no role models in the industry receive guidance from tech professionals.

STATE-LEVEL ENGAGEMENT

CS4DLH



In partnership with the Office of the Mayor of Duluth, MN; the non-profit Family Code Night, and the National Center for Computer Science Education at the College of St. Scholastica, the Foundation proudly sponsored a two-week **CS for Duluth (CS4DLH) “Spring into Coding” event** which included a K-5 book reading with the Mayor, unplugged activities, and high-school coding programming that reached **33 educators, 13 schools (9 elementary, 2 high school, and 2 middle schools) and 12 organizations, over 342 families and about 2,357 K-12 students in the Duluth area.** The Foundation is eager to assist in the effort to bring computer science education to under-resourced communities and will be looking to ‘adopt’ similar communities in need of greater computer science access.

CT Lt Governor Computing Challenge

Foundation sponsored the third annual CT Lt. Gov ‘Coding for Good’ Computing Challenge which brought in over 300 submissions from CT

based students grades 3 – 12. The Foundation hosted the first ever ‘Recognition Event’ at the Infosys office in Hartford, CT recognizing the 27 winning teams, 17 of which were made up of entirely female students.

For the 2023 challenge, the Foundation’s partner CodeJoy, is delivering student coding workshops and teacher PD sessions to rally interest in this year’s event. **In 16 student sessions, they’ve reached over 1000 CT students, while through their PD training, they’ve reached over 20 CT based educators.**

CSforAll Accelerator

The Foundation sponsors the CSforALL Accelerator program which aims to accelerate and empower high-need communities in their progress towards standards-aligned computer science education. The Program operates via a cohort-model with local communities across the United States to design and engage local stakeholders during a collaborative two-year program.

In 2022, the first cohort of cities engaged in the programs are: Denver CO; Detroit MI; Duluth MN; Miami FL; Nashville TN, and Washington DC. In each city, a core team of stakeholders and decision-makers representing local school districts, universities and out-of-school program providers meet regularly to set goals and manage the implementation of community-based initiatives. In total, FY 2023 activities in the six cities reached **561,978 students and 30,361 teachers.**

FY 2023 GRANTS AND PARTNERSHIPS



Organization	Project	Highlights
Resource Area for Teachers (RAFT)	RAFT STEAM Project Lessons and Free Kits	<ul style="list-style-type: none"> • POI Course: Produced instructional STEAM videos with aim to reach over 1,400 students and 100
Micro: bit Educational Foundation	Micro:bit Lessons for CS and Free micro:bits for Title 1 Schools	<ul style="list-style-type: none"> • POI Course: Provided students and educators with 500 micro:bit kits and corresponding curriculum, impacting over 122,000 students and 650 educators • Contributed micro:bit kits to over 100 NYC students for International Day of the Girl design-thinking workshop
CSforALL	CSforALL Summit 2022	<ul style="list-style-type: none"> • The Foundation hosted over 300 attendees at Opening Reception in Memphis, TN
CSforALL	CSforALL Accelerator	<ul style="list-style-type: none"> • The program will accelerate high-need communities towards standards-aligned CS education to six cities across the U.S., reaching 500,000 students in the first two years, with all sessions currently available on the POI
DonorsChoose	2x Match Offer for K-12 Pathfinders Alumni	<ul style="list-style-type: none"> • Funded 143 CS classroom projects for Pathfinders Institute K-12 educator alumni, bringing support to over 2,500 students and 85 educators
Opera on Tap	Playground OperaTronics Program	<ul style="list-style-type: none"> • Bringing a Playground Opera STEAM program to Title 1 schools nationally in partnership with 'Chibitronics' circuit technologies and hosting instructional curriculum on the POI
Thinking Media	Learning/Career Blade Lesson Plans	<ul style="list-style-type: none"> • POI Course: Developed a multi-module course to advance grade-level Careers in IT curriculum and curated videos from 4 Infosys volunteers to Million Women Mentors which reached over 30,000 students
Computer Science Teachers Organization (CSTA)	CS Teaching Excellence Awards & CSPD Week Arizona	<ul style="list-style-type: none"> • Sponsored 2022 CS Teaching Excellence Awards and sponsored 'Awards Reception' at the CSTA 2022 Annual Conference, honoring 15 CS educators nationally • Sponsored CSPDWeek in AZ where over 100 educators attended, impacting over 6,350 students
SciTech Institute	Workforce Connections Program	<ul style="list-style-type: none"> • Created K-12+ STEM and CS awareness in AZ through 'Pi Day' Celebration at Infosys Tempe Hub as part of 12th Annual SciTech Festival
Kode with Klossy	Two-week Summer STEM Camp and National Instructor Training	<ul style="list-style-type: none"> • Sponsored a 2-week STEM camp at the Infosys Raleigh, NC Hub with over 25 girls and gender nonconforming teens • Supported the training of Kode w/ Klossy K-12 educators to lead the STEM summer camps, impacting over 2,910 students
CodeCrew	Designers and Data: Tech Wearables Program	<ul style="list-style-type: none"> • Supported design of curriculum for students grades 7-12 in Memphis, TN to create fun wearable technologies - blending



		fashion with coding - to conclude with a live summer fashion show. An instructional guide of this program to be hosted on the POI .
PENCIL, Inc.	Infy App Challenge 3.0 and Infy Tech Career Talks	<ul style="list-style-type: none"> • The Infy App Challenge 3.0 matched Infosys mentors with NYC high school students to develop an app that addresses a societal challenge • Infy Tech Career Talks provided NYC-based high school students with insights about tech ed, directly impacting over 500+ students.
Science Buddies	Developing Drone and Autonomous Vehicle Resources for Educators	<ul style="list-style-type: none"> • POI Course: Multi-module course designed to guide K-12 educators to teach how build an Arduino Self-Driving Car and an Arduino Mini-Drone • Provided 83 free Self-Driving and Mini-Drone kits for Title 1 Educators
Digital Promise	2022 Infy Maker Winners Professional Development & Developing Inclusive CT Pathways curriculum	<ul style="list-style-type: none"> • POI Course: Supported 20 district leaders in designing inclusive pathways for all students through development of CT modules • Provide full academic year Professional Development for the 2022 Infy Maker Awards winners
Project Invent	Training Title 1 Teachers in Invention Education	<ul style="list-style-type: none"> • POI Course: Sponsored 50 Title 1 teachers to participate in yearlong teacher fellowship and student invention program & have a select group of trained teacher fellows to host workshops on their invention process on the POI
CompSciABC	Computer Science Learning Reimagined with Somi	<ul style="list-style-type: none"> • POI Course: Designed to introduce fundamental computer science concepts in a fun and innovative way with the aid of Somi, the Computer Scientist Dolls and with no prior coding experience needed • Provided 100 free dolls to 55 K-4 Title 1 School educators, reaching 2,500 students
Boys and Girls Clubs of Hartford	STEAM Makerspaces	<ul style="list-style-type: none"> • Supported the development of three additional STEAM makerspaces in Clubs across Hartford, CT and sponsored the March 2023 STEAM Fair, showcasing the work of over 100 students and 200 CS/maker ed projects
Firia Labs	AZ Professional Development: Teaching Python with Robotics	<ul style="list-style-type: none"> • Hosted a PD event at the Infosys Tempe Hub, educating 41 teachers about how to use Python with Robotics, impacting over 6,815 students
Thurgood Marshall College Fund	TQRP Summer Institute STEM Sponsorship	<ul style="list-style-type: none"> • Served as Teacher Quality and Retention Program (TQRP) STEM Sponsor, reaching over 70 diverse educators and 6,200 students • POI Course: TQRP fellows to create artifacts to support live K-12 classroom instruction
Televisa Foundation	Cuantrix – Spanish language modules and Hack-a-Ton	<ul style="list-style-type: none"> • POI Course: Curated first Spanish-language course on the digital learning platform • Hosted a Phoenix, AZ Hackathon with 54 local Latinx students
Hispanic Heritage Foundation and KID Museum	Latinx Maker Educator PD Workshops	<ul style="list-style-type: none"> • -Developed the Latinx Educator Maker Lab PD program which included hosting 70 educators across four in-person PD events, impacting over 2,000 students. Instructional highlights of this program will then be hosted on the POI
Tech Kids Unlimited	2022 UNSG & Digital Empowerment for your Future Course	<ul style="list-style-type: none"> • Hosted an all-day hackathon inspired by the UN SDGs for neurodiverse students • POI Course: Developed first-ever ‘for neurodiverse’ / by neurodiverse course highlighting best practices for engaging in online space.

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Lynn A. and Jon C. Madonna
Alexander J. Paige-Madonna



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