

Mariana uses algorithms to turn knitted textiles into concrete buildings to save money and time while also reducing environmental impact.

Mariana Popescu
@marianapopescu

Kaz creates interactive geospatial models to help communities and first responders and communities plan how to best respond to wildfires, floods, and other emergencies.

Kazir 'Kaz' Manavi
@kazmanavi

Katia creates heavy technology - electronics embedded into cosmetics that can be applied directly to one's skin, fingernails, and hair - to transform the body surface into an interactive platform.

Katia Vega
@katiavega

Emma develops mobile apps that empower patients with Alzheimer's disease to stay connected with their loved ones.

Emma Yang
@emmayang

Kristy helps develop new medications more efficiently by using artificial intelligence to predict interactions between potential drugs and their targets.

Kristy Carpenter
@kristycarpenter

Drew leads multiple teams that merge technology, engineering, art, and math to create immersive art experiences that transport audiences to fantastic realms.

Drew 'Dr. Woo' Trujillo
@drewtrujillo

Isaac develops technologies that help farmers increase their productivity, including a sensor that determines how much moisture is in grains to reduce losses during storage.

Isaac Sesi
@isaacsesi

Keith builds products and experiences that communicate information through touch, including a wearable device that helps the blind and visually impaired safely navigate their surroundings using vibrations.

Keith Kirkland
@keithkirkland

Rumman led the design of the Fairness Tool that is used to identify and mitigate bias in artificial intelligence (AI) systems.

Rumman Chowdhury
@rummanchowdhury

2019

Tara empowers girls and families to design technology solutions to important problems in their communities.

Tara Chikoyosi
@tara_chikoyosi

Sonika reduces climate change by helping entrepreneurs find and track small loans for green agriculture projects.

Sonika Manandhar
@sonikamanandhar

Lual develops video games that inspire peace by helping users understand the complex challenges that refugees face.

Lual Mayen
@lualmayen

Danielle connects Indigenous students to tech careers through mentorship, community building, and networking.

Danielle Forward
@danielleforward

Saad invented a do-it-yourself hearing aid with inexpensive, easy-to-find parts to help elderly people restore their hearing.

Saad Bhatia
@saadbhatia

Nicki explores the challenges of diversity and inclusion in computer science by teaching and researching about race, gender, class, and computing.

Nicki Washington
@nicki_washington

Jehiel creates technology to connect tractor owners with smallholder farmers who need tractors to improve sustainability.

Jehiel Omer
@jehielomer

Victoria developed an app to help people find stores that accept food stamps and works to make CS more accessible to students with disabilities.

Victoria C. Chavez
@victoriachavez

Kimberly inspires girls of color to pursue careers in technology and computer science while developing entrepreneurial skills.

Kimberly Bryant
@kimberlybryant

2020

Raha studies how people encode cultural values and beliefs, including racist beliefs, into the technologies that they create.

Raha Benjamin
@raha_benjamin

Raja researches how computing can help people with disabilities improve how they see and hear, and he advocates for related laws and policies.

Raja Nitheshwarar
@rajanitheshwarar

Joy researches how discrimination is built into artificial intelligence, including facial recognition technologies, and she advocates for technology to serve all people.

Joy Buolamwini
@joybuolamwini

Michael uses data to more quickly identify new outbreaks of COVID-19, in order to slow the spread of the disease. Computer science is transforming public health!

Michael Donnelly
@michaeldonnelly

Anelle 3D prints construction materials from recycled goods to quickly create buildings and infrastructure. Computer science is transforming construction!

Anelle Guendes
@anelleguendes

Kyla promotes safe internet use by educating students about privacy and cyber-security. Computer science is transforming online safety!

Kyla Gurs
@kylagurs

Josiah builds new types of devices that harvest energy from the natural environment. Computer science is transforming sustainable energy!

Josiah Hester
@josiahhester

Amy studies how people learn about the power of computing and how to use computing to promote social justice. Computer science is transforming education!

Amy Ko
@amyko

Sofia creates apps that support survivors of gender-based violence and get innocent people off of death row. Computer science is transforming social justice!

Sofia Ongala
@sofiaongala

2021

Fig creates models using data collected from satellites in outer space to help learn about and solve problems on Earth. Computer science is transforming space exploration!

Fig O'Reilly
@figoreilly

Microweb builds products that keep young players safe on game consoles. Computer science is transforming gaming!

Microweb Ariani
@microwebariani

Germyr uses data to better understand how to improve the safety, comfort and energy efficiency of today's vehicles. Computer science is transforming transportation!

Germyr Reed
@germyrreed

Michael helps indigenous communities reclaim their languages by building inclusive artificial intelligence and extended reality technologies. Computer science is transforming cultural preservation!

Michael Running Wolf
@michaelrunningwolf

Cynthia improves the way robots interact with humans by studying and other industries. Computer science is transforming customer service!

Cynthia Yeung
@cynthiayeung

Michael draws digital patterns that are lasered onto jeans. Computer science is transforming fashion!

Michael Yra
@michaelyra

Nabe makes artificial intelligence more inclusive for autistic people.

Nabe Rizvi
@naberizvi

Corey created an app to better connect the culture to the Black people's everyday lives.

Corey Ashley
@coreyashley

Okuzue builds affordable prosthetic arms for amputees using artificial intelligence and 3D printing.

Okuzue Bell
@okuzuebell

2022

Eyara provided a voice for students in the development of a framework that integrates computer science education.

Eyara Oladipo
@eyaradoladipo

Mariena creates generative avatars and avatars to tell stories about the local language, history, and culture of the local people.

Mariena Myles
@marienamyles

Yim encourages learners who have experienced trauma to share their personal stories and to express themselves through art.

Yim Register
@yimregister

Kayla volunteers in schools to support and inspire young Black women in learning computer science.

Kayla Fortson
@kaylafortson

Ian recruits and trains underrepresented students to develop the technical skills necessary for employment in the tech workforce.

Ian Michael Brock
@ianmichaelbrock

Medha creates solutions to address strategies faced by young women, such as an app to help them work more safely from home.

Medha Gupta
@medhagupta

Daisy uses STEM to teach about biodiversity, ecosystems and climate change.

Daisy Murillo
@daisymurillo

Sara-Marie Ryad uses STEM to teach about biodiversity, ecosystems and climate change.

Sara-Marie Ryad
@saramarieryad

Adhwa encourages students to rethink their creativity through constructive design.

Adhwa Gopi Selvan
@adhwaselvan

2023

Alice empowers leaders to engage in a three-dimensional digital world to provide a safe space for all, including those with disabilities.

Alice Lester
@alicel Lester

Dr. Shrikant creates inclusive user-friendly programming technologies for all, including those with disabilities.

Andreas Stefik, Ph.D.
@andreasstefik

Danielle empowers indigenous youth to use their voices through robotics and innovation.

Danielle Boyer
@danielleboyer

Eden is the founder of Community's virtual learning tool on 'how to teach people how to code, cook, and do much more'.

Eden Wilson
@edenwilson

Grace uses machine learning to develop and implement technologies that address global challenges.

Grace Magry-Fokam
@gracemagryfokam

Jada champions inclusive, ethical, and responsible computing every day to build community resilience.

Jada Okoeghene Ogusha
@jadaokoegheneogusha

Kayla teaches coding skills and leadership to students.

Kayla Roman-Flores
@kaylaromanflores

Dr. Milosavac is creating STEI education for all by providing an open-source, diverse set of fun and engaging opportunities (including games, spatial computing, and science stories).

Lisa V. Milosavac, Ph.D.
@lisamilosavac

Dr. Israel offers research-based approaches to mitigate the effects of climate change on education.

Maya Israel, Ph.D.
@mayaisrael

2024

Mehar examines the impact of women's leadership in computer science and the role of algorithms through global collaboration to solve complex problems that present AI and tech risks.

Mehar Bhasin
@mehar_bhasin

Myles advocates for diversity and inclusion in software development, primarily coming from his teaching experiences.

Myles Ezanni
@mylesezanni

Rajiv bridges the digital divide by providing underprivileged youth with affordable technology.

Rajiv Dhan Shobai
@rajivdhanshobai

Randi empowers students to be conscientious consumers - ethical engineers of AI.

Randi Williams
@randiwilliams

Sarah shares people around the world how computer science and programming can be used to solve global problems and improve the lives of everyone.

Sarah Applebaum
@sarahapplebaum

Dr. Gaurav Mehta uses research focused on the integration of emerging technologies and high school to engage and enable students in exploring science and computing.

Dr. Gaurav Mehta, Ph.D.
@gauravmehta

Dr. Sankar contributes to computer science education through his teaching and research that helps youth examine the ethical and social implications of technology.

Sankar Vail, Ph.D.
@sankarvail

Dr. Hopper is best known for his trailblazing contributions to computer programming, software development, and the design and implementation of programming languages.

Dr. Hopper Hightower
@hopperhightower

As President and CEO of AHEAD.org, Brenda Duvall Williams has been instrumental in promoting diversity and equity in tech education and workforce development through her leadership and advocacy.

Brenda Duvall Williams
@brendaduvallwilliams