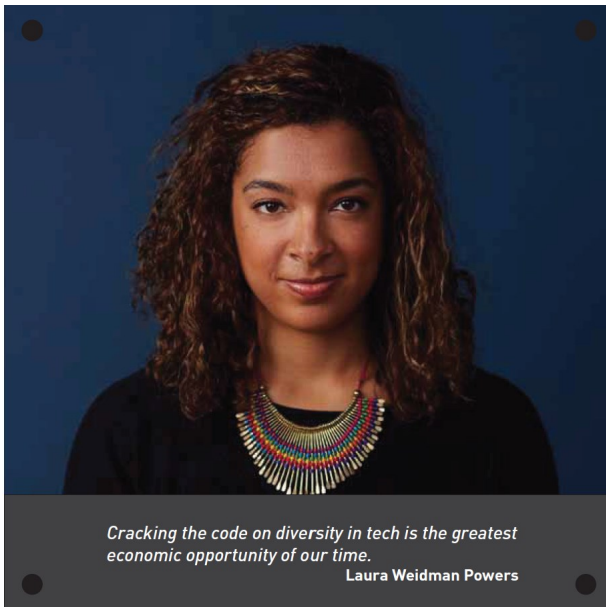


## Dreamers, Builders and Thinkers

Anywhere and everywhere, people are using technology to create, innovate, solve problems, and change the world!

They come from different backgrounds, places, and industries. They are passionate and determined, and they are solving important challenges in powerful — and sometimes unexpected — ways.



*Cracking the code on diversity in tech is the greatest economic opportunity of our time.*

Laura Weidman Powers

**Laura Weidman Powers**  
SAN FRANCISCO BAY AREA, CALIFORNIA, USA

Entrepreneur, Lawyer, Cofounder,  
Educator, and Mentor

### Why Laura inspires us

Laura created the largest community of Black and Latinx technologists and supporters to ensure that by 2040, Black and Latinx people are fully represented as leaders in the innovation economy.

### What Laura does

Laura cofounded Code2040 to create opportunities and pathways for Black and Latinx people in tech. Through service programs, in-person and online community engagement, and storytelling and knowledge sharing, Code2040 empowers and mobilizes diversity champions across the industry.

Photo courtesy of Helena Price

**Anupam Pathak**  
SAN FRANCISCO BAY AREA, CALIFORNIA, USA  
Innovator and Technical Lead

### Why Anupam inspires us

With a technical background in mechanical engineering and a passion for solving problems, Anupam has invented products that use technology to improve people's lives, and created an educational science nonprofit.

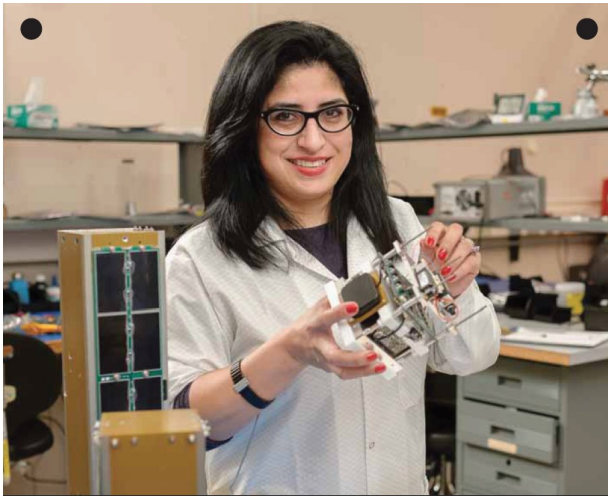
### What Anupam does

Anupam developed Liftware, self-stabilizing high-tech spoons and forks that help people with hand tremors or limited hand or arm mobility eat more easily. As a STEM mentor and advocate, Anupam believes strongly in hands-on science teaching and learning, cofounding a nonprofit called Explorabox, whose mission is to provide hands-on science kits to children growing up in economic hardship.



*Pursue what makes you happy and always find ways for your hobbies to pay for themselves. It's the best way to make sure you love what you do for a living.*

Anupam Pathak



*Enjoy your age; you will never be this age again. You can do anything: try, fail, learn something new, and try again.*

**Ali Guarneros Luna**

### **Ali Guarneros Luna**

SAN JOSE, CALIFORNIA, USA

Aerospace & Systems Engineer, STEM Educator, and Mentor

#### **Why Ali inspires us**

While growing up in Mexico City, Ali became fascinated by space exploration. She focused on her goals, worked hard, overcame obstacles, and achieved her dreams of becoming an aerospace engineer after immigrating to the United States.

#### **What Ali does**

Ali is a senior aerospace engineer working on satellites and suborbital technology. She also loves sharing her personal journey and her passion for technology and problem-solving with youth by supporting numerous STEM education organizations and initiatives.

Photo courtesy of NASA

### **Abu Qader**

CHICAGO, ILLINOIS, USA

Cofounder & Chief Technology Officer (CTO) and Health Tech Innovator

#### **Why Abu inspires us**

At age 15, Abu decided to revolutionize health care after returning from a 2014 trip to Afghanistan, where he saw that families and health care professionals had limited access to the medicine and resources they needed.

#### **What Abu does**

With the dream of improving health care in developing countries, Abu created powerful, accurate analytics software to detect and diagnose tumors in mammograms, then cofounded a company that uses artificial intelligence and data to offer customized health care to patients. Abu is currently the CTO of his company, GliaLab.

Photo Courtesy of Lindsay France/Cornell University Photography



*Go out, do something, find something worth searching for—you can create change at any age.*

**Abu Qader**



*Technology from space supports sustainable development on Earth and I work to ensure that all people have access to the benefits of space.*

**Danielle Wood**

### **Danielle Wood**

CAMBRIDGE, MASSACHUSETTS, USA

Engineer, Development Scholar, and Professor

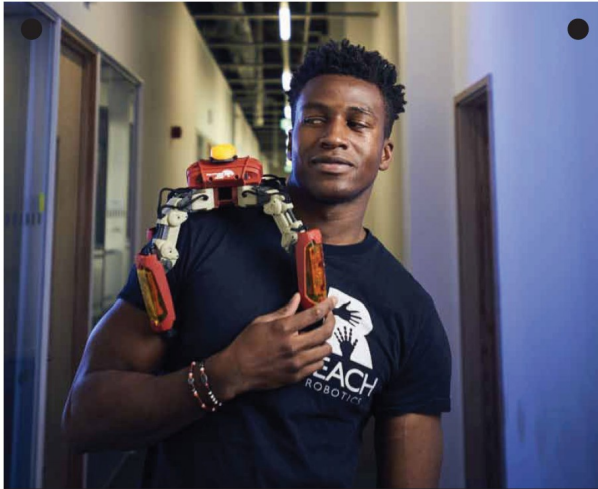
#### **Why Danielle inspires us**

Danielle combines her two passions of building satellites and improving life for people around the world by creating innovative solutions that use space technology to support the United Nations Sustainable Development Goals.

#### **What Danielle does**

Danielle leads the Space Enabled Research Group at MIT Media Lab, which researches how space technologies can improve life on Earth by ensuring global access to food, water, health care, and education. Danielle mentors graduate students and partners with international agencies, national governments, and entrepreneurs around the world.

Photo courtesy of David Silverman Photography



*Technology will bring our wildest imaginations to life and robotics will take us there.*

Silas Adekunle

## Silas Adekunle

BRISTOL, UNITED KINGDOM

Cofounder & Chief Executive Officer (CEO),  
Robotics Innovator, Entrepreneur, and Engineer

### Why Silas inspires us

Silas's early fascination with taking things apart led to a career in robotics and augmented reality. In college, he created robots to inspire and engage kids through hands-on STEM learning.

### What Silas does

After moving from Nigeria to the UK at age 10, Silas began studying computer science and robotics in secondary school. In college, he launched his company, Reach Robotics. Inspired by animal behavior, he invented a robot that moves and interacts with people, creating emotional connections between robots and humans.

Photo courtesy of Reach Robotics

## Divya Nag

PALO ALTO, CALIFORNIA, USA

Founder & Chief Executive Officer (CEO),  
Medical Technology Innovator,  
Stem Cell Researcher, and Futurist

### Why Divya inspires us

From stem cell research to medical apps, Divya works to advance medical science and deliver the best care to patients through digital technologies.

### What Divya does

Divya founded a biotech company called Stem Cell Theranostics at age 20, and founded StartX Med, an accelerator program at Stanford University that brings additional resources to health tech founders. Through this work, she has created a community of mentors to lead and inspire future innovators.

Photo courtesy of Apple



*Let's put people in charge of their health. It's not about living with a specific disease or condition—it's about living.*

Divya Nag



*My mission is to put the power of computing into the hands of people all over the world.*

Eben Upton

## Eben Upton

CAMBRIDGE, UNITED KINGDOM

Computer Scientist, Innovator, Educator,  
Entrepreneur, and Founder

### Why Eben inspires us

Eben created an affordable, easy-to-use computer to help students all over the world learn about coding and physical computing.

### What Eben does

Eben built the Raspberry Pi, a small, credit card-size single-board computer, and created the Raspberry Pi Foundation to teach people how to use it. Starting with only 50 prototypes in 2011, Eben created a movement. There are now 20 million Raspberry Pis in classrooms, factories, farms, maker spaces, and homes all over the world—even in space!



**Eden Full Goh**  
CALGARY, ALBERTA, CANADA

Founder & Chairperson, Future Tech Innovator,  
and Environmentalist

**Why Eden inspires us**

At the age of 10, Eden discovered the potential of solar power. Then, in 2006, she transformed her high school science fair project into an award-winning product and nonprofit organization.

**What Eden does**

Eden is the founder and chairperson of SunSaluter, a low-cost technology that uses solar panels to provide clean water for rural communities around the globe that have no electricity. She is passionate about engineering technologies that will create the most social impact in the world.

*I hope we can use technology as a springboard for new social and economic opportunities in communities—urban and rural—all around the world.*

Eden Full Goh

**Ian Spalter**  
SAN FRANCISCO BAY AREA, CALIFORNIA, USA  
User Experience (UX) Designer, Data Scientist,  
and Tech Marketing Innovator

**Why Ian inspires us**  
Ian harnesses the power of big data to develop creative marketing approaches and design innovative products that improve people's experiences with technology.

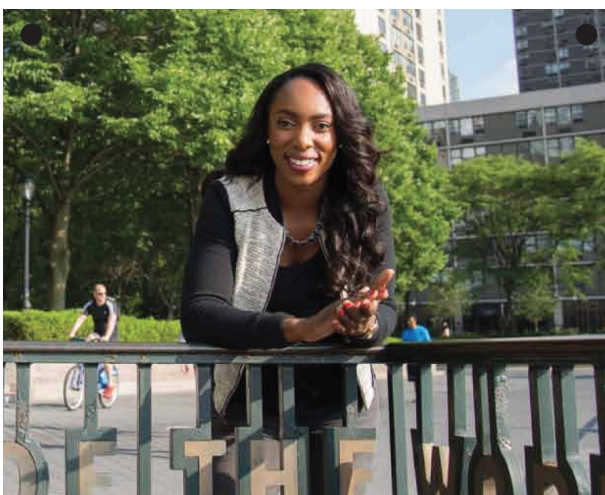
**What Ian does**  
Ian believes that in today's world, understanding data is a key part of being a designer. He blends his knowledge of technology and user experience with statistical analysis and facts to design and develop products that meet both the goals of companies and the needs and desires of users.

Photo courtesy of Gary Sexton Photography



*Recognizing the things you're willing to obsessively spend time and energy on might just be the key to your future.*

Ian Spalter



**Jessica O. Matthews**  
GREATER NEW YORK CITY AREA, NEW YORK, USA

Founder & Chief Executive Office (CEO),  
FutureTech Researcher & Innovator,  
and Environmentalist

**Why Jessica inspires us**

Jessica creates products (including baby strollers and flooring!) that capture the energy of motion to generate power and electricity for communities around the world.

**What Jessica does**

Jessica has been an entrepreneur and inventor since the age of 19. She is the founder and CEO of Uncharted Power, an award-winning renewable power company, and the cofounder and executive director of KDDC, a 30-megawatt hydropower dam in Nigeria. In 2016, she raised the largest amount of Series A funding, the first round of venture capital financing that a startup receives, by a black female founder to date.

*Often, people forget that the definition of science is the study of life. This means that if you're living, you're halfway there.*

Jessica O. Matthews

Photo courtesy of Uncharted Power



*I firmly believe we can use computer science and statistics to change the world for the better.*

Lester Mackey

**Lester Mackey**

CAMBRIDGE, MASSACHUSETTS, USA

Researcher, Professor, Computer Scientist, Statistician, and Machine Learning Expert

**Why Lester inspires us**

Lester uses statistics and big data to understand and address major social issues and change the world for the better.

**What Lester does**

Lester is a researcher and a former professor who collaborated to create Statistics for Social Good, an organization that uses data analytics, statistics, and computational techniques to address social issues ranging from poverty and homelessness to health care and sustainability.

Photo courtesy of Dana J. Quigley

**Mary Lou Jepsen**

SAN FRANCISCO BAY AREA, CALIFORNIA, USA

Founder & Chief Executive Officer (CEO), Innovator, and Computer Scientist

**Why Mary Lou inspires us**

Mary Lou's passion for optics and computing have led her to identify and develop technologies that will change lives and the world for the better.

**What Mary Lou does**

Mary Lou is the founder and CEO of Openwater, a company dedicated to developing innovative hardware and software that will enable us to see inside our brains and bodies. For health care professionals globally, this technology will enhance speed of diagnosis and treatment and explore how we may be able to communicate directly with the human brain using computers.



*Why don't we try to make things possible that we think are impossible?*

Mary Lou Jepsen



*Stick with your passion, whatever that may be, and you will be successful.*

Tristan Cezair

**Tristan Cezair**

PORT OF SPAIN, TRINIDAD

Cofounder, Creative Technologist, Virtual Reality (VR) Director, and Future Tech Researcher & Innovator

**Why Tristan inspires us**

Tristan pushes the boundaries of VR and mixed reality (XR) technology by innovating ways that virtual humans (VH) can express believable emotional interaction with humans. His work is shaping how humans will engage with computers and machines in the future.

**What Tristan does**

Tristan is cofounder of Cream Digital and a founding partner of the Virtual Humans Research Cluster in Toronto, Ontario, Canada. He collaborates with a multidisciplinary team to explore artificial intelligence and create VHs that communicate dynamically in real time through facial expressions, speech, gesture, emotion, and perception.

Photo courtesy of Hayley Andoff Photography



*The best way to help poor people is to figure out how to connect them to work.*

Leila Janah

### Leila Janah

SAN FRANCISCO BAY AREA, CALIFORNIA, USA

Founder & Chief Executive Officer (CEO),  
Future Tech Innovator, Entrepreneur,  
and Engineer

#### Why Leila inspires us

At a young age, Leila realized that the best way to reduce poverty is to connect people to work. She founded a nonprofit business, Samasource, to achieve that goal.

#### What Leila does

Leila partners with some of the world's largest companies to provide meaningful digital employment for people living in poverty. Her company, Samasource, has provided work for over 33,000 people since 2008. Leila is also the founder and CEO of LXMI, a sustainable luxury skincare company that hires East African women, who often have few resources or work opportunities.

### Jeremy Lasky

Greater New York City Area, New York, USA

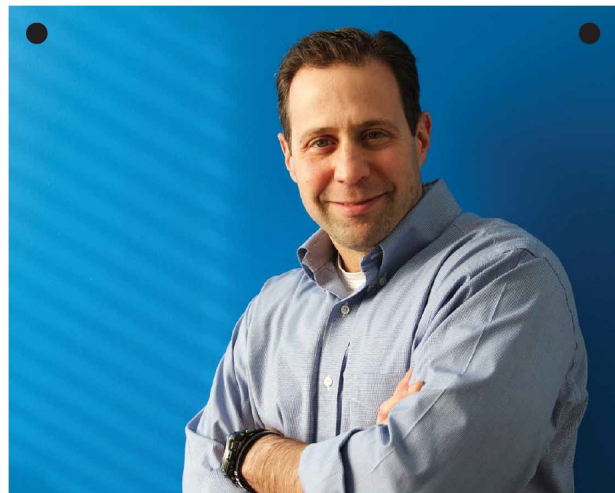
Cofounder & Partner, Entrepreneur,  
Tech Innovator, Graphic Designer,  
and Architect  
of the Future

#### Why Jeremy inspires us

Jeremy combines art, storytelling, and technological innovation to create futuristic movies and to help tech companies imagine the next generation of products and user experiences.

#### What Jeremy does

Jeremy cofounded Perception, a cutting-edge design and user experience [UX] studio that creates groundbreaking visuals and special effects for feature films, including *Black Panther*, *Iron Man*, and *The Avengers*, and technology companies, including IBM, Microsoft, Intel, and SpaceX.



*I believe the world is like a classroom and we are here to learn as much as we can from each experience. There are no failures in life, only results—results to learn from and build knowledge from.*

Jeremy Lasky



*I love unifying dualities between art and tech, business and humor, work and life, and being a cultural bridge between the East and the West.*

Yiyang Lu

### Yiyang Lu

SAN FRANCISCO BAY AREA, CALIFORNIA, USA

Artist, Speaker, Creative Director,  
and Brand Designer

#### Why Yiyang inspires us

Yiyang discovered a deep connection between art and technology in high school and followed her passions into a career leading cross-cultural design practices for global brands and businesses.

#### What Yiyang does

Yiyang founded her own company to develop branding, design, marketing, and sales strategies for startups and large corporations. Some of her artworks have become iconic for social media users, including Twitter's Fail Whale and the dumpling emoji. Yiyang also acts as a business mentor and advisor for a tech innovation hub called Runway.

Photo courtesy of Lulu Chen



**Shiv Gaglani**  
Baltimore, Maryland, USA  
Cofounder & Chief Executive Officer (CEO) and Health & Education Tech Innovator

**Why Shiv inspires us**  
Shiv is dedicated to improving health care and education by creating technologies that offer new, collaborative ways of learning and sharing information. Through his work and his writing, he inspires students to strive for success.

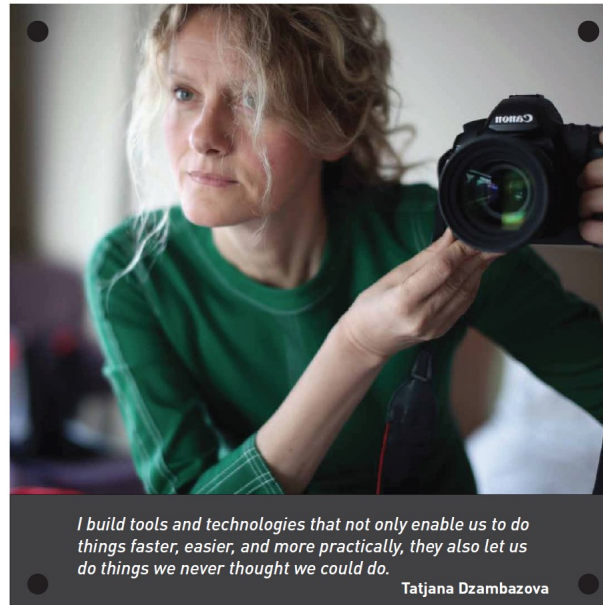
**What Shiv does**  
While in medical school, Shiv cofounded Osmosis.org, which empowers nearly a million health care clinicians and caregivers with collaborative digital learning experiences; the former Khan Academy Medicine team joined Osmosis. Shiv has also written two books for students, *Success with Science* and *Standing Out*. He was named to the Forbes 30 Under 30 list of young leaders.

**Tatjana Dzambazova**  
SAN FRANCISCO BAY AREA, CALIFORNIA, USA  
Technology Whisperer, Future Tech Innovator, Entrepreneur, Software Product Manager, Writer, and Architect

**Why Tatjana inspires us**  
Tatjana is a former architect who helps develop new products and uses for emerging technologies, including artificial intelligence, machine learning, computer imaging, and metal 3D printing.

**What Tatjana does**  
Tatjana uses digital design technology to preserve historic collections and tell the stories of our cultural, artistic, and scientific past. Through research, teaching, and project management, she makes technology accessible for new audiences and educates about the opportunities and cultural changes brought about by technological development.

Photo courtesy of Tatjana Dzambazova



**What inspires you?**

**How will you change the world?**