

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



## Grace Brewster Murray Hopper

(1906-1992)

Rear Admiral, Naval Officer & Computer Pioneer

Company/ Organization: US NAVY

#LookingBackLeapingForward

20 ESTA

As President and CEO of AnitaB.org, Brenda Darden Wilkerson hopes to one day make her role obsolete. AnitaB.org is a global nonprofit dedicated to gender equity and pay parity in tech which envisions a global tech ecosystem where tech solutions are deeply rooted in humanity and truly serve the whole of the population.



**Brenda Darden Wilkerson**

President and CEO of AnitaB.org

#LookingBackLeapingForward

**20** CSTA

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**Jake Baskin**  
Executive Director  
Computer Science  
Teachers Association



**Charity E. Freeman**  
Board Chair (2023-24)  
Computer Science  
Teachers Association



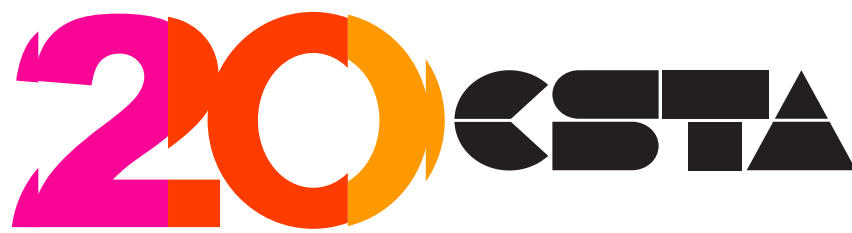
**Michelle Friend**  
Associate Professor  
Teacher Education Department,  
University of Nebraska at Omaha



**Jill Hubbard**  
Associate Professor of Practice  
Oregon State University -  
Cascades



**Art Lopez**  
Project Manager, Coding  
Our Future and LISTEN Lab;  
Professor of Practice  
CREATE at UC San Diego;  
REACH University



**CSTA 20th Anniversary:  
Celebrating Two Decades of Impact**

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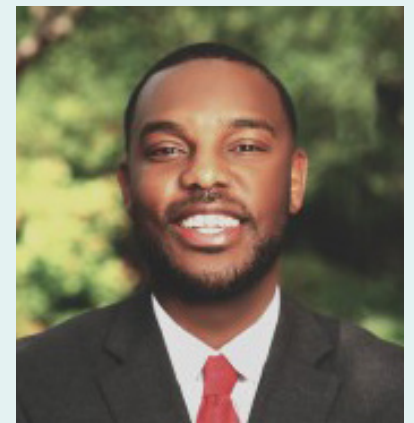
**Yolanda Lozano**  
CoFounder and COO  
Computer Science Alliance



**Janice Mak**  
Assistant Director, Curriculum  
& Pedagogy  
Arizona State University



**Jennifer Rosato**  
Director  
Northern Lights Collaborative  
for Computing Education



**Dr. Dominick Sanders**  
Co-Founder/Managing Partner  
Sanders & Summers



**Alfred Thompson**  
Retired CS Teacher



**Dr. Ryan Torbey**  
Deputy Director, Center for  
Evolving Computer Science  
Education  
American Institutes for Research



**Brenda Darden Wilkerson**  
President and CEO  
AnitaB.org



**Delmar Wilson**  
STEM Educator/9-12 CSTA  
Board of Director Representative  
Miami Springs Senior High

Mariana uses algorithms to turn knitted vesticles into solar panels that save money and time while also reducing environmental impact.

**Mariana Popescu**  
Software Engineer

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

**Kaz "Kaz" Manavi**  
Computer Scientist

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

**Katia Vega**  
Beauty Tech Engineer

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

**Emma Yang**  
Health Tech Engineer

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

**Kristy Carpenter**  
Computational Biologist

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

**Drew "Dr. Woonoo" Yujin**  
Software Engineer

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 Sasi**  
Hardware Engineer

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**  
Customer Success

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

**Rumman Chowdhury**  
Data Scientist

## 2019

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

**Tara Chikovski**  
Research Lead

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

**Sonika Manandhar**  
Research Engineer

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

**Luai Mayen**  
Software Engineer

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

**Danielle Forward**  
Product Engineer

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

**Saad Bhamia**  
Software Engineer

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

**Nicki Washington**  
Product Engineer

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

**Jehiel Oweir**  
Chief Executive Officer

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**  
Product Manager

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

**Kimberly Bryant**  
Software Engineer

## 2020

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

**Ruha Benjamin**  
Software Engineer

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

**Raja Ruzhannagar**  
Software Engineer

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

**Joy Buolamwini**  
Software Engineer

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**  
Software Engineer

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

**Ashlei Guedes**  
Software Engineer

Riya promotes safe internet use by educating students about privacy and cyberstalking. Computer science is transforming online safety!

**Riya Guru**  
Software Engineer

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

**Joahh Hester**  
Software Engineer

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**  
Software Engineer

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 Oniele**  
Software Engineer

## 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**  
Software Engineer

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

**Meenoo Rami**  
Software Engineer

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

**Germar Reed**  
Software Engineer

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**  
Software Engineer

Cynthia improves the way robots interact with humans by building inclusive artificial intelligence and extended reality services. Computer science is transforming customer service!

**Cynthia Young**  
Software Engineer

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

**Michael Yra**  
Software Engineer

Naba makes artificial intelligence more inclusive for autistic people.

**Naba Rizvi**  
Software Engineer

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

**Corey Ashley**  
Software Engineer

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

**Okuzzee Bell**  
Software Engineer

## 2022

Eyara provided a route for students in the development of a framework that reimagines computer science education.

**Eyara Odiopio**  
Software Engineer

Mariana creates augmented reality and public art to tell stories about the land, language, history, and culture of the Tjuka people.

**Mariana Myles**  
Software Engineer

Yim showcases business who have experienced trauma to share their personal stories and to express themselves through data.

**Yim Register**  
Software Engineer

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

**Kayla Fortson**  
Software Engineer

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

**Sam Michael Brock**  
Software Engineer

Meeta creates solutions to address struggles faced by young women, such as an app to help them walk home safely from bus stops.

**Meeta Gupta**  
Software Engineer

Daisy gives CS skills to high school technology entrepreneurs and innovators.

**Daisy Murillo**  
Software Engineer

Sara-Marie expands access to CS and AI education to marginalized communities, including under-served youth.

**Sara-Marie Riyad**  
Software Engineer

Ashwita encourages students to unleash their creativity through constructive design.

**Ashwita Gopi Selvan**  
Software Engineer

## 2023

Ariya provides a route for students in the development of a framework that reimagines computer science education.

**Ariya Lester**  
Software Engineer

Dr. Shifra creates inclusive, user-friendly programming technologies for people including those with disabilities.

**Andreas Shifra, Ph.D.**  
Professor of Computer Science

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

**Danielle Boyer**  
Software Engineer

Elen is the founder of Emotionly, a virtual learning tool for YouTube that teaches people how to code, cook, and do much more.

**Elen Wilson**  
Software Engineer

Grace uses machine learning to identify climate and weather-related technologies that address global challenges.

**Grace McGlynn-Fobam**  
Software Engineer

Jada champions inclusive, ethical, and responsible computing using data sets to predict community incentives.

**Jada Cheahene Ogueri**  
Software Engineer

Kayla teaches coding skills and digital literacy to high school students.

**Kayla Roman-Flores**  
Software Engineer

Lisa V. Mihalovic is catalyzing STEM education for all by providing an ever-changing diverse set of fun and engaging opportunities (including games, spatial computing, and science science).

**Lisa V. Mihalovic, Ph.D.**  
Professor of Computer Science

Dr. Sarah often reports-based approaches to allocate for inclusion in Computer Science Education where students feel they belong in computer science classrooms.

**Haya Israel, Ph.D.**  
Professor and Director of the Center for Inclusive Computing

Meeta empowers students to be conscientious consumers in ethical applications of AI.

**Meeta Gupta**  
Software Engineer

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

**Ragib Ehsan Shadab**  
Software Engineer

Randi empowers students to be conscientious consumers in ethical applications of AI.

**Randi Williams**  
Software Engineer

Sarah inspires people around the world to use computer science and game development as a vehicle for social justice and equity so that everyone can use themselves to make the world a better place.

**Sarah Applebaum**  
Software Engineer

Christina Gardner-McCune uses research focused on the integration of computing within middle and high school to engage and recruit students in exploring science and computing.

**Christina Gardner-McCune, Ph.D.**  
Professor of Computer Science

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

**Sefereh Vahidi, Ph.D.**  
Professor of Computer Science

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**Grace Hopper**  
Software Engineer

Dr. Brenda Brainerd Murray has been a leader in computer science education where students feel they belong in computer science classrooms.

**Brenda Brainerd Murray**  
Software Engineer

Dr. Brenda Brainerd Murray has been a leader in computer science education where students feel they belong in computer science classrooms.

**Brenda Brainerd Murray**  
Software Engineer

## 2024