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Thank you, Juliana Rotich

#IAmAComputerScientist

You co-developed a platform
that saves lives and supports
democracy across the world.

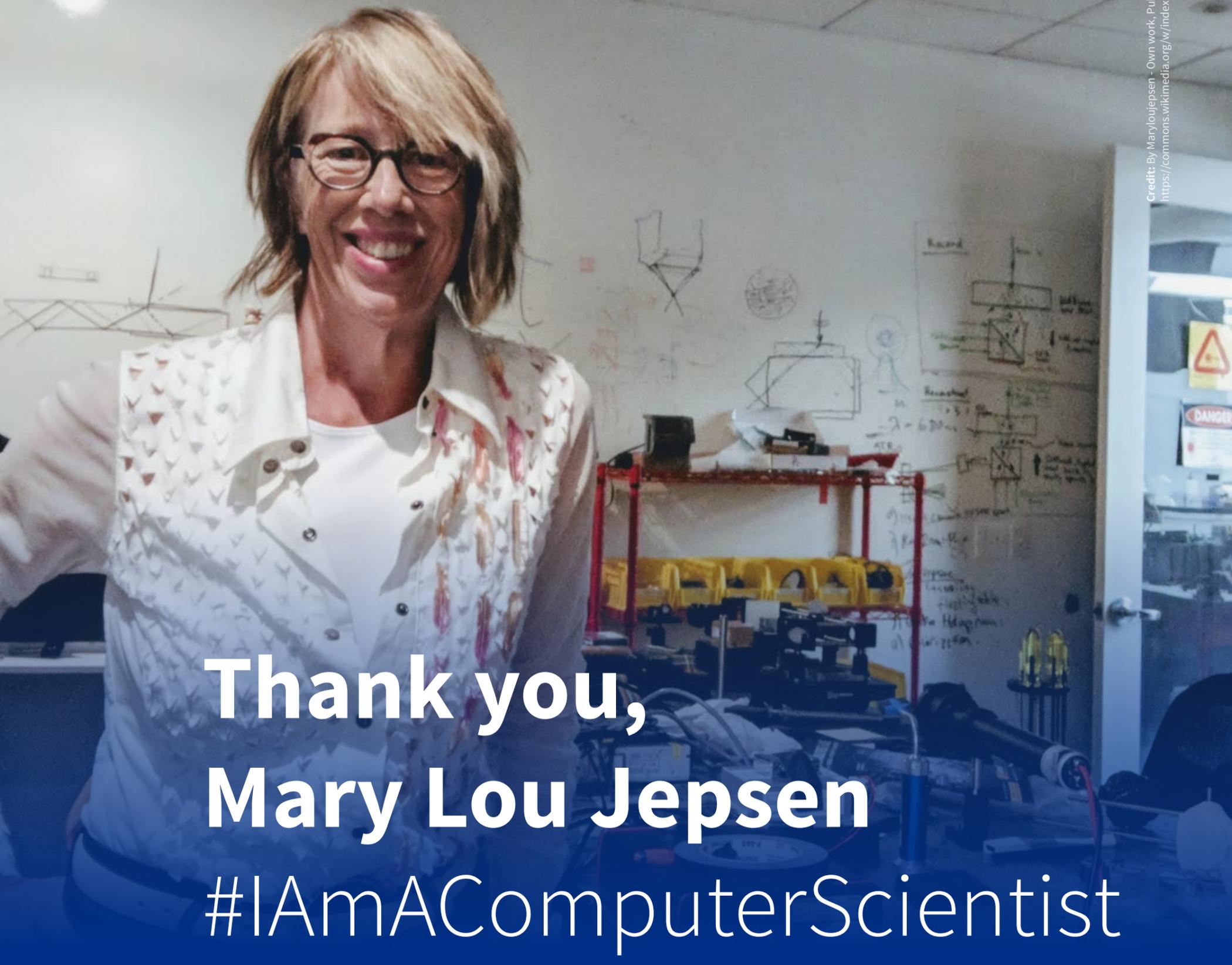
Find out who provides the data for
Juliana's organisation, *Ushahidi*.



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Credit: By Maryloujepsen - Own work, Public Domain, <https://commons.wikimedia.org/w/index.php?curid=71035848>

Thank you, Mary Lou Jepsen #IAmAComputerScientist

Your inventions in displays and imaging are all around us, head mounted displays, live walls, VR and holography.

Find out about Mary Lou's work at Google, Facebook, MIT and her own companies.



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Credit: With kind permission of Anne-Marie Imafidon



Thank you, Anne-Marie Imafidon #IAmAComputerScientist

You have created a social enterprise that runs hackathons, mentoring and an online platform.

Find out about the Stemettes.



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Thank you, Susan Wojcicki #IAmATechExec

Named “the most important person in advertising”, your tech executive marketing skills drove Google’s rise.

Find out about Susan’s early involvement with Google.



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Thank you, Martha Lane Fox #IAmADigitalActivist

Appointed as the youngest female member of the House of Lords as the Digital Inclusion Champion, you campaign for responsible technology.

Find out what website Martha co-founded.



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**Thank you,
Dorcas Muthoni**
#IAmAComputerScientist

By founding a mentoring program for women in computing and working with governments and international groups you are driving change to transform African lives.

Where did Dorcas study and what were her specialisms?



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Credit: By NASA Science and Engineering Newsletter - Fagowees, Public Domain, <https://commons.wikimedia.org/w/index.php?curid=30060646>

Thank you, Annie Easley

#IAmAComputerScientist

Your code was used to fly rockets and laid the foundations for space shuttle launches.

Find out about Annie's work in the 1960s.



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Credit: Photo provided by kind permission John Henry Thompson

Thank you, John Henry Thompson #IAmAComputerScientist

You developed a programming language that displays images - Lingo.

This work has helped combine art and tech in web design, animation, graphics and video games.

Try a drawing app or processing.js



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Credit: With kind permission of Christine Farion

Thank you, Christine Farion

#IAmAComputerScientist

Your research into memory and the development of digital bags that help us keep track of things won't be forgotten.

Find out about Christine's research.



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Credit: With kind permission of Shwetal Shah

Thank you, Shwetal Shah

#IAmADigitalActivist

For representing young women in technology with governments and multinationals and championing creativity in computing.

What cat-themed game that teaches programming did Shwetal work on?



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Credit: With kind permission of Tina Chowdhury

Thank you, Tina Chowdhury

#IAmAComputerScientist

Your work helps babies survive and gives mobility to those with osteoarthritis by combining biology, medicine, engineering and computer science with technology.

Find out how gaming and bioengineering are used in Queen Mary's Virtual Science Lab.



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Credit: www.flickr.com/photos/re-publica/41809675342/ Attribution-ShareAlike 2.0 Generic (CC BY-SA 2.0)

Thank you, Safiya Umoja Noble #IAmADigitalResearcher

Your work on ethics and the design of digital media platforms reminds us that search engines can reinforce racism and that algorithms can have gender bias.

Find out about data science and ethics.



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Credit: Rama CC BY-SA 2.0 fr

**Thank you,
Fran Allen**

#IAmAComputerScientist

If you had not worked out how compilers could make code faster we would have slow programs and harder to read code.

Find out about the Turing Award that Fran won.



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Credit: James S. Davis

Thank you, Grace Hopper

#IAmAComputerScientist

Without your idea, to use English language words rather than obscure codes in programming languages, coding would be a lot more complicated.

What bug did Grace famously find?



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Credit: Photo provided by kind permission of Abdigani Diriyee

Thank you, Abdigani Diriyee

#IAmAComputerScientist

Your work on data mining and visualising information help us see things more clearly.

Find out about Abdigani's Somali and Somaliland boot camps.



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Credit: Photo provided by kind permission of Segun Fatumo

Thank you, Segun Fatumo

#IAmAComputerScientist

You are saving lives by using your computer science expertise in genetic research.

Find out about bioinformatics.



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Credit: After Henrietta Rae - <https://wellcomeimages.org/indexplus/image/N0006579.html>
Wellcome Collection gallery (2018-03-29): <https://wellcomecollection.org/works/zg8ypp55>
CC-BY-4.0, Public Domain, <https://commons.wikimedia.org/w/index.php?curid=31233676>

Thank you, Florence Nightingale #IAmAData VisualisationAnalyst

For persuading Parliament to save lives
by creating infographics that could not
be ignored.

Find out what the infographics were about
and make your own.



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Credit: With kind permission of Carrie Anne Philbin

Thank you, Carrie Anne Philbin #IAmAComputerScientist

As a pioneering computer science teacher and Raspberry Pi Director you have championed inclusion and diversity in computing education.

Find out about the Geek Gurl Diaries.



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A black and white photograph of Gladys West, a woman with glasses and a blazer, sitting at a desk with papers and books in the background. She is smiling and looking towards the camera.

Thank you, Gladys West #IAmAComputerScientist

Without your contribution our world would not be the same. Laptops, smartphones and cars all use GPS built on your foundational work.

Find out about Gladys's work on weather satellites.



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Credit: By NASA; restored by Adam Cuerden -
www.nasa.gov/sites/default/files/thumbnails/image/1966-1-06717.jpg.
Public Domain, <https://commons.wikimedia.org/w/index.php?curid=47431407>

Thank you, Katherine Johnson #IAmAComputerScientist

You computed launch windows, emergency return paths and worked on the Space Shuttle program and Mission to Mars plans.

Congratulations on the Presidential Medal of Freedom.

Find out what John Glenn needed Katherine to do before his 1962 mission.



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Credit: This photo was provided courtesy of the National Visionary Leadership Project

Thank you, Evelyn Boyd Granville #IAmAComputerScientist

Your maths and computing work on aviation and space programs helped catapult rockets to the moon.

What job brought you back down to earth?



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Thank you, Hedy Lamarr #IAmAComputerScientist

We would not have Bluetooth or Wi-Fi if it was not for your invention of frequency hopping.
What else was Hedy famous for?



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Credit: Weizmann Institute of Science

Thank you, Shafi Goldwasser #IAmAComputerScientist

Without your work on algorithms and maths used in encryption we would not be as safe online.

Congratulations on the Turing Award.

Find out about the ball method of explaining zero knowledge proofs.



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Thank you, Sophie Wilson #IAmAComputerScientist

95% of smartphones have the chip
that you designed the code for.

What prototype computer did Sophie develop?



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Credit: By Chris Monk - www.flickr.com/photos/101251639@N02/9669448671, CC BY 2.0, <https://commons.wikimedia.org/w/index.php?curid=68622>



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Credit: Columbia University

Thank you, Jeannette Wing #IAmAComputerScientist

You put Computational Thinking on the map.

How abstract is that?

Find out about decomposition and
algorithmic thinking.



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Credit: Kenneth C. Zirkel CC BY-SA 3.0

Thank you, Barbara Liskov #IAmAComputerScientist

You design programming languages. We would not have Object Oriented Programming (OOP) without you.

Congratulations on the Turing Award.

Find out about OOP.



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Credit: University of Cambridge CC BY 2.5

Thank you, Karen Spärck Jones #IAmAComputerScientist

For the algorithm that search engines use to help us retrieve what is most relevant.

What is Karen's famous quote about men and computing?



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Credit: Science & Society Picture Library

Thank you, Ada Lovelace

#IAmAComputerScientist

For being ahead of your time and predicting that computers would work with music and not just numbers.

Find out how Ada helped Charles Babbage.



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