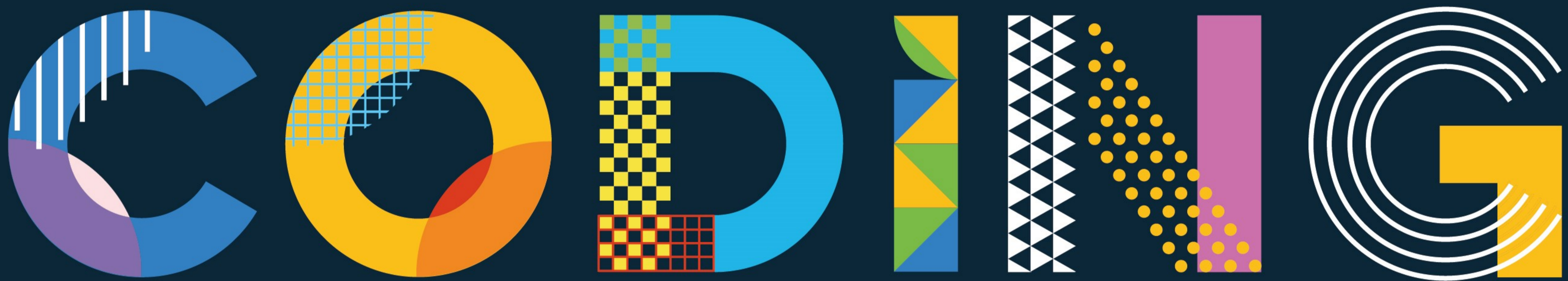


institute of



Thank you, Christine Farion.

**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.**

With kind permission of Christine Farion.

#IAmAComputerScientist



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Thank you, Shwetal Shah.

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?

Shwetal Shah

Young Leader 2018

#EDD18 #shEDDs #YoungLeaders



With kind permission of Shwetal Shah

#IAmADigitalActivist



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Thank you, Tina Chowdhury.

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 QMUL Virtual Science Lab.

With kind permission of Tina Chowdhury

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Thank you, Safiya Umoja Noble.

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.

#IAmADigitalResearcher

Thank you, Fran Allen.

**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.**



#IAmAComputerScientist

Rama CC BY-SA 2.0 fr

Thank you, Grace Hopper.

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?



James S. Davis

#IAmAProgrammer

Thank you Barbara Liskov.

**You design programming
languages.**

**We would not
have Object
Oriented
Programming
(OOP)
without you.**

**Congratulations
on the Turing
Award.**

Find out about OOP.

#IDesignProgrammingLanguages

Kenneth C. Zirkel CC BY-SA 3.0

Thank you, Juliana Rotich.

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

Find out who provides the data for *Ushahidi*.



By usbotschaftberlin - Family photo of the panelists before the discussion at the W20 Conference, Public Domain, <https://commons.wikimedia.org/w/index.php?curid=67607408>

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Thank you, Mary Lou Jepsen.

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.



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

#IAmAComputerScientist



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Thank you, Karen Spärck Jones.

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?

#IAmAComputerScientist

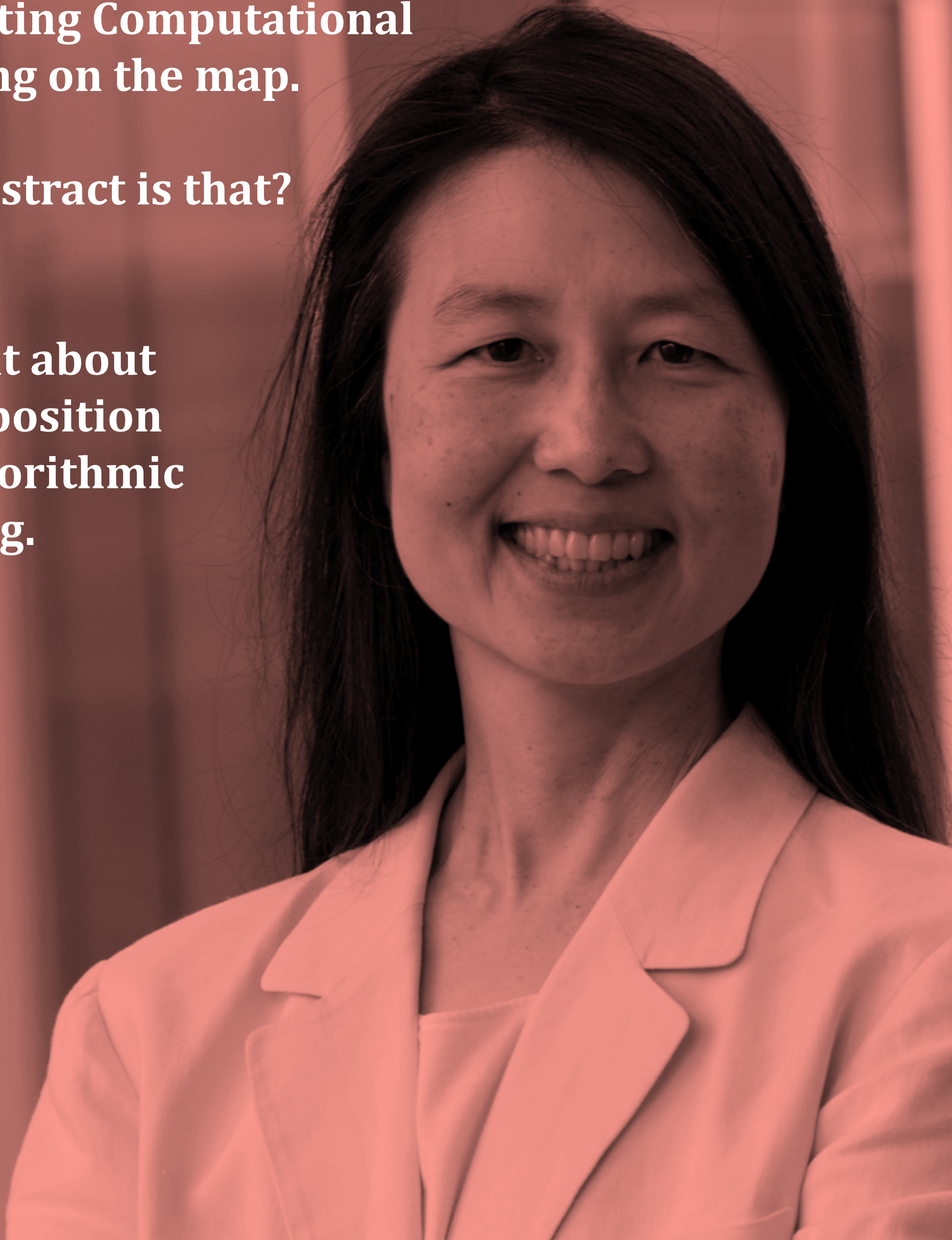
University of Cambridge CC BY 2.5

Thank you, Jeannette Wing.

For putting Computational Thinking on the map.

How abstract is that?

Find out about decomposition and algorithmic thinking.



Columbia University

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Thank you, Susan Wojcicki.

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.



By Steve Jennings / TechCrunch - <https://www.flickr.com/photos/techcrunch/29684662515/>, CC BY 2.0, <https://en.wikipedia.org/w/index.php?curid=56232436>

#IAmATechExec



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Thank you, Kimberly Bryant.

As an electronics engineer who also worked in pharmaceuticals & biotech, you figured we needed action for tech inclusion and created a non profit foundation.

What is the name of the foundation that Kimberly set up?

#IAmAnElectronicsEngineer

Thank you, Martha Lane Fox (CBE).

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.



By gdsteam - <https://www.flickr.com/photos/gdsteam/12208228633/>, CC BY 2.0, <https://commons.wikimedia.org/w/index.php?curid=66248604>

#IAmADigitalActivist



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Thank you, Dorcas Muthoni.

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

Where did Dorcas study and what were her specialisms?



By Steve Jennings / TechCrunch - <https://www.flickr.com/photos/techcrunch/29684662515/>, CC BY 2.0, <https://en.wikipedia.org/w/index.php?curid=56232436>

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Thank you, Annie Easley.

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

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



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

#IAmAComputer Scientist



Thank you, Sophie Wilson.

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

What prototype computer did Sophie develop?

By Chris Monk - <https://www.flickr.com/photos/101251639@N02/9669448671>, CC BY 2.0, <https://commons.wikimedia.org/w/index.php?curid=68622523>

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Thank you, Shafi Goldwasser.

**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.**



#IAmAComputerScientist

Weizmann Institute of Science



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Thank you, Hedy Lamarr.

**We would not
have Bluetooth
or WIFI if it was
not for your
invention of
frequency
hopping.**

**What else
was Hedy
famous
for?**

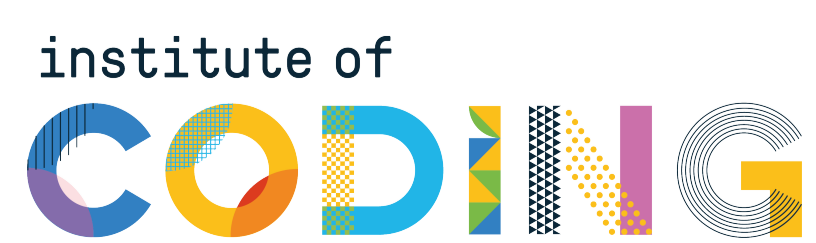
#IAmAnInventor

Thank you, Evelyn Boyd Granville.

Your maths & computing
work on aviation &
Space programs
helped catapult
rockets to the moon.

What job brought you
back down to earth?

#IAmAMathematician



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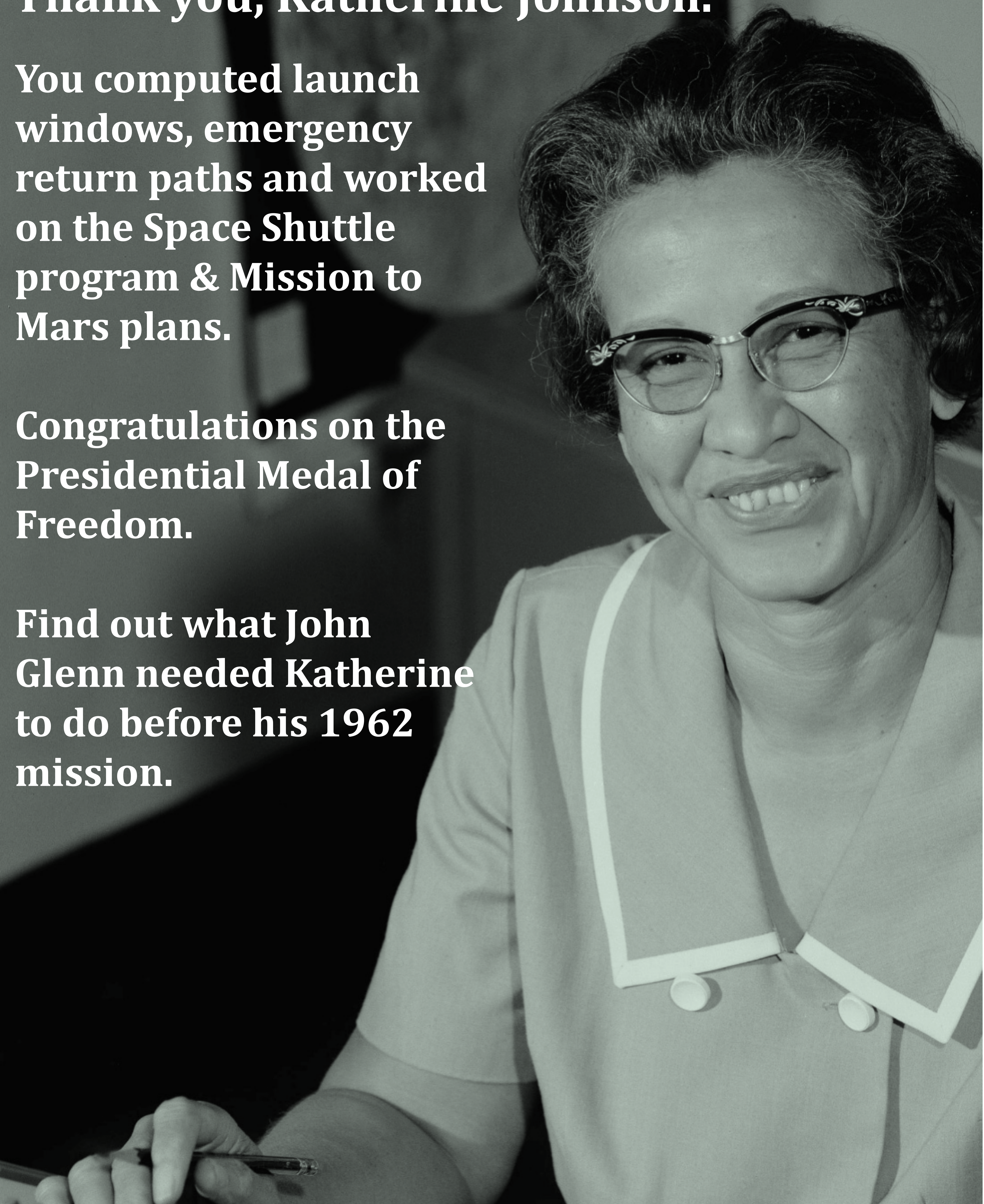
This photo was provided courtesy of the National Visionary Leadership Project.

Thank you, Katherine Johnson.

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

Congratulations on the Presidential Medal of Freedom.

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



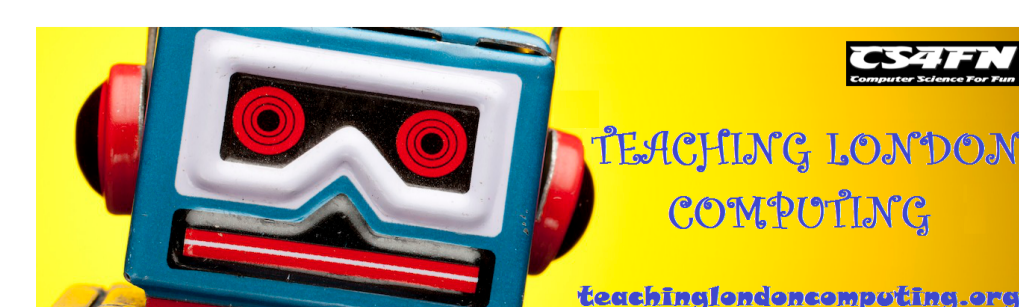
By NASA; restored by Adam Cuerden - <http://www.nasa.gov/sites/default/files/thumbnails/image/1966-I-06717.jpeg>. Public Domain, <https://commons.wikimedia.org/w/index.php?curid=47431407>

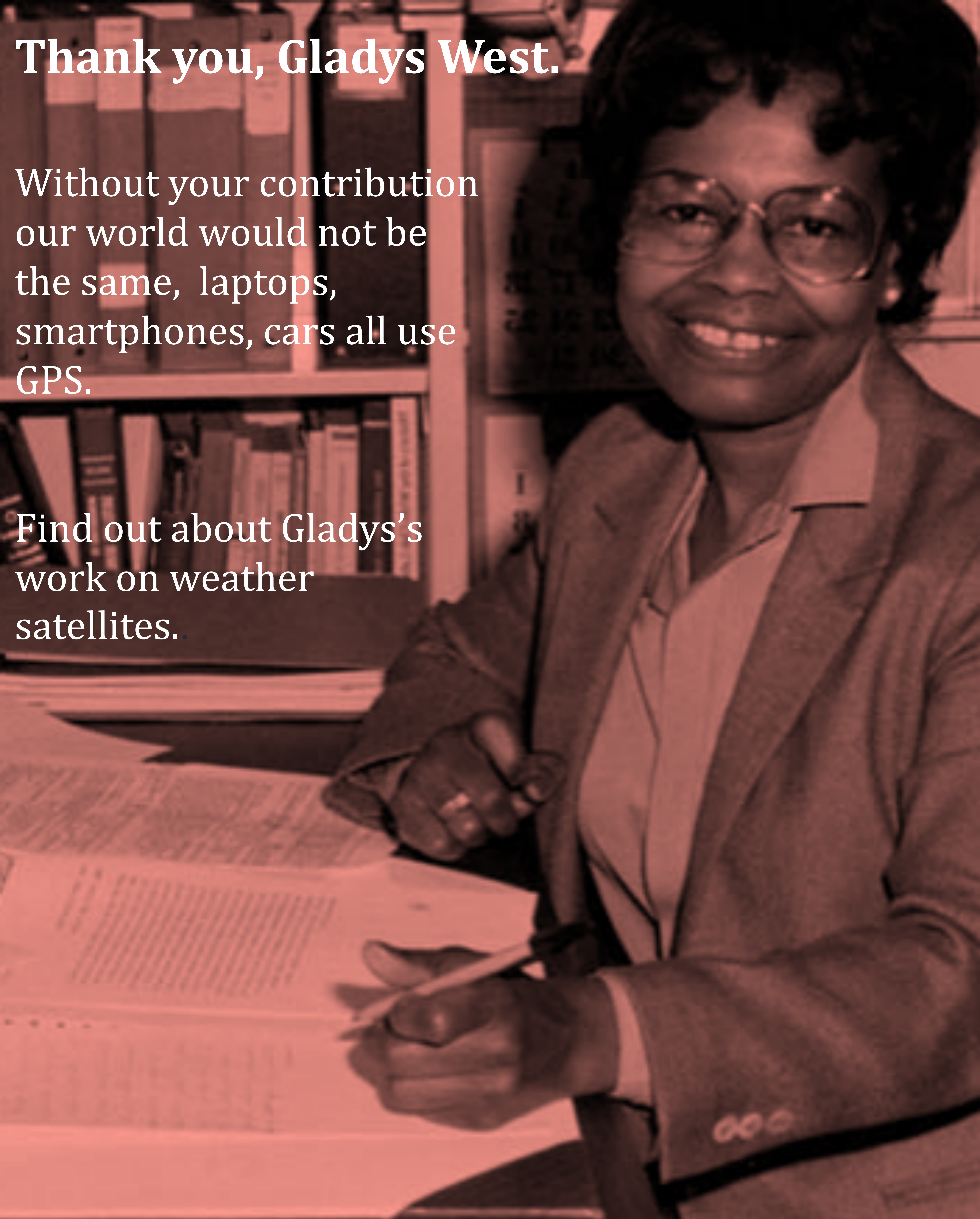
#IAmAMathematician



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Thank you, Gladys West.

Without your contribution
our world would not be
the same, laptops,
smartphones, cars all use
GPS.

Find out about Gladys's
work on weather
satellites.

#IAmAMathematician



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Thank you, Anne-Marie Imafidon.

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

Find out about the Stemettes.



With kind permission of Anne-Marie Imafidon

#IAmAComputerScientist

Thank you, Carrie Anne Philbin.

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.

With kind permission of Carrie Anne Philbin

#IAmAComputerScientist



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Thank you, Ada Lovelace.

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.



Science & Society Picture Library

#IAmAProgrammer



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Thank you, Florence Nightingale.

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.

After Henrietta Rae - <https://wellcomeimages.org/indexplus/image/V0006579.html> Wellcome Collection gallery (2018-03-29); <https://wellcomecollection.org/works/zgypp55> CC-BY-4.0, Public Domain, <https://commons.wikimedia.org/w/index.php?curid=31233676>

#IAmADataVisualisationAnalyst



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Thank you, Segun Fatumo.

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

Find out about
bioinformatics.



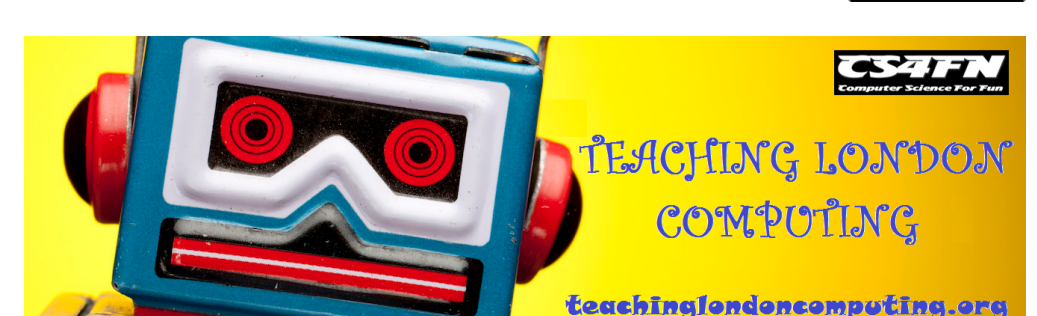
Photo provided by kind permission of Segun Fatumo.

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Thank you, Abdigani Diriyee.

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

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

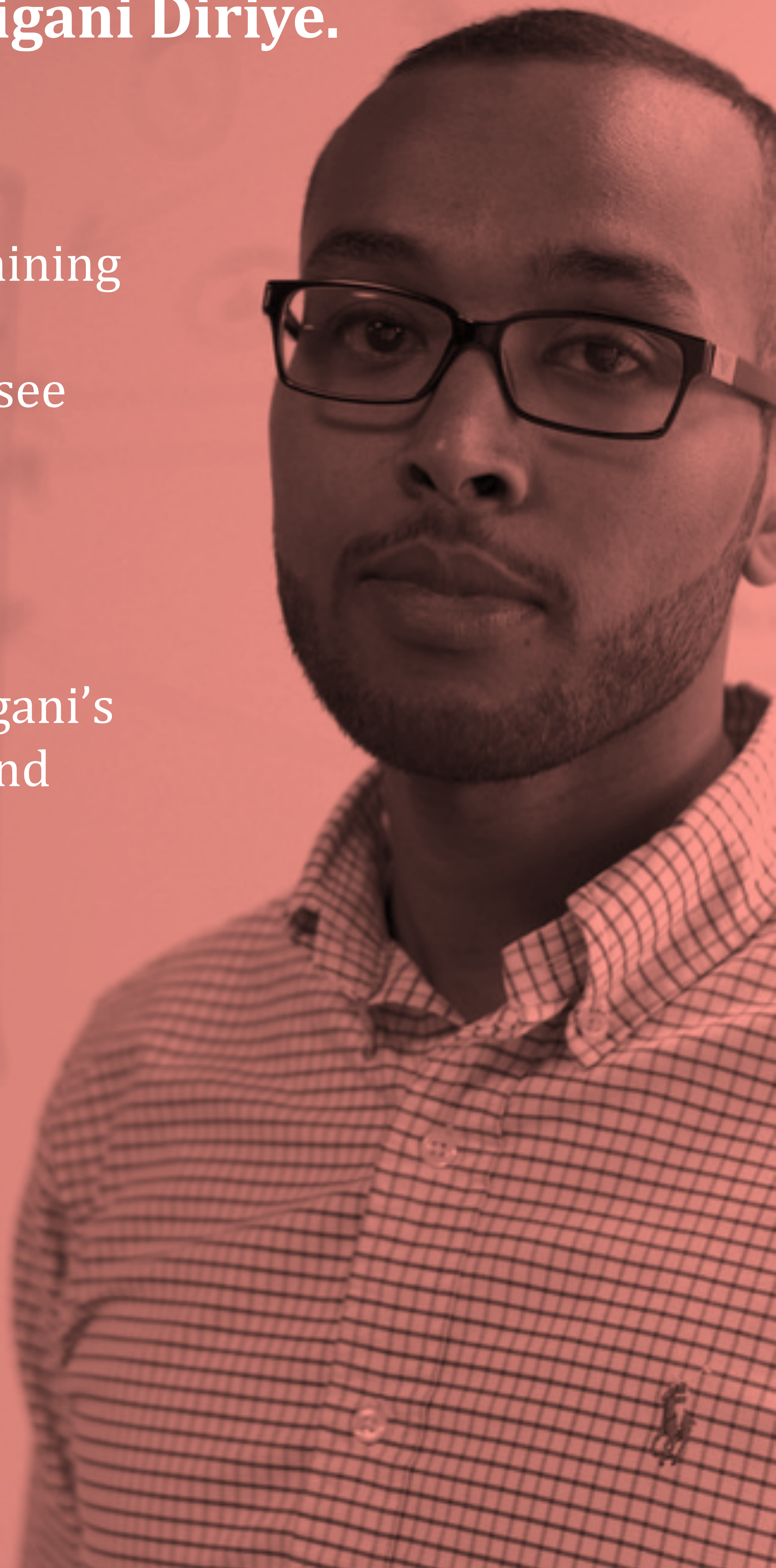


Photo provided by kind permission of Abdigani Diriyee

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Thank you, John Henry Thompson.

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`

<http://www.johnhenrythompson.com>

Photo provided by kind permission John Henry Thompson

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