

WOMEN  
MEET  
TECH



Google

Hosted by

(Cat Can Code)

# Transferable Skills & #IAMREMARKABLE

*\*IMPORTANT\* Please bring your government issued ID to enter the venue*



**Mark Evans**

- Frontend Developer NFG Asia
- Former National Service Manager Wall Street English, Vietnam and Korea



**Quynh Ruby**

- Software Engineer EGANY



**Tham Le**

- Sr Software Engineer Chotot



**Lea Truc**

- Google Women Techmaker Ambassador
- Former college faculty in Boston, MA

## Time & Location

17:00 – 19:00, 24th Jul 2019

The American Center, 8th floor,  
Diamond Plaza: 34 Le Duan Str., Ben Nghe Ward, D1, HCMC, Vietnam



The first STEM program for Diversity and Inclusion in Vietnam  
funded and endorsed by the U.S. Consulate General HCMC, co-sponsored by Google Women Techmakers

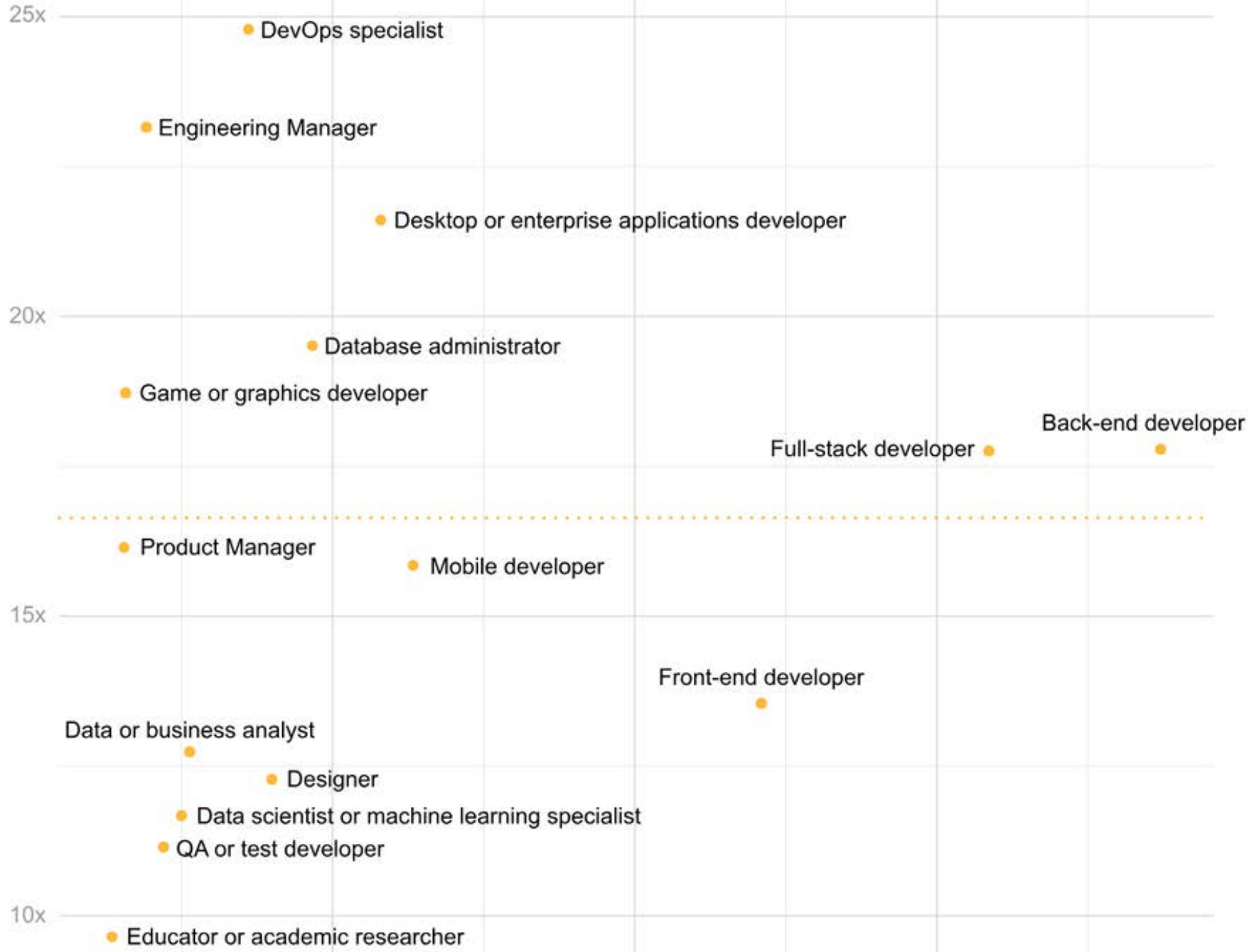
**WHY**

**WOMEN MEET TECH**

FOR MORE

**DIVERSITY &  
INCLUSION**

Relative participation by men/women



TO CHANGE

THE PERCEPTION

Do you know...

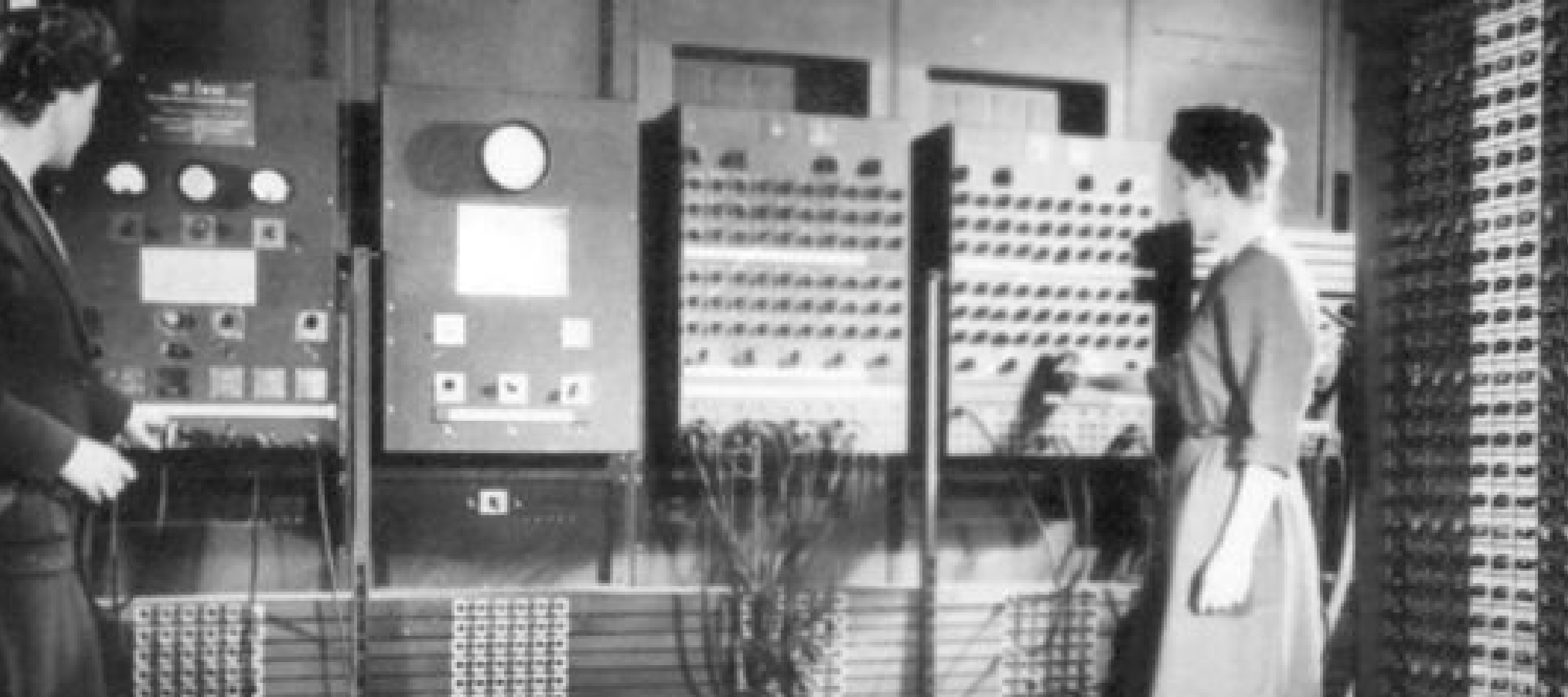
**MANY OF THE FIRST COMPUTER PROGRAMMERS  
AND CODERS WERE WOMEN**



**WOMEN AS “HUMAN COMPUTERS,”  
MAKING COMPLICATED CALCULATIONS**

**HARVARD COLLEGE OBSERVATORY, 13 MAY 1913**





**TWO WOMEN OPERATING ENIAC (U.S. ARMY)**



## The Computer Girls

BY LOIS MANDEL

A trainee gets \$8,000 a year  
... a girl "senior systems analyst"  
gets \$20,000—and up!

Twenty years ago, a girl could be a secretary, a school teacher . . . maybe a librarian, a social worker or a nurse. If she was really ambitious, she could go into the professions and compete with men . . . usually working harder and longer to earn less pay for the same job.

Now have come the big, dazzling computers—and a whole new kind of work for women: programming. Telling the miracle machines what to do and how to do it. Anything from predicting the

computer can solve a problem, and then instruct the machine to do it."

"It's just like planning a dinner," explains Dr. Grace Hopper, now a staff scientist in systems programming for Univac. (She helped develop the first electronic digital computer, the Eniac, in 1946.) "You have to plan ahead and schedule everything so it's ready when you need it. Programming requires patience and the ability to handle detail. Women are 'naturals' at computer programming."

1967 COSMOPOLITAN ARTICLE ON THE COMPUTER GIRLS.

## **SMARTNEWS** *Keeping you current*

# Computer Programming Used To Be Women's Work

Computer programmers are expected to be male and antisocial - an self-fulfilling prophecy that forgets the women that the entire field was built upon



**IT WASN'T A MALE DOMINATED FIELD**

**UNTIL PRINCETON, MIT, STANFORD CREATED THEIR FIRST CS PROGRAMS,  
COMPUTER LABS WERE ALMOST EXCLUSIVELY MALE**

# COMMON PERCEPTIONS ABOUT VIETNAMESE FEMALE CODERS

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- 1** **COMPUTER SCIENCE IS NOT MEANT FOR GIRLS. TOO DRY AND NOT FEMININE.**
- 2** **NOT MANY JOB PROSPECTS FOR WOMEN IN TECH FIELD ESPECIALLY IN PROGRAMMING.**
- 3** **MALE-DOMINANT WORKING ENVIRONMENT IS NOT SUITABLE FOR WOMEN.**
- 4** **GENDER ROLES: TRADITIONAL EXPECTATIONS THAT WOMEN SHOULD BE IN CHARGE OF DOMESTIC WORK (TAKING CARE OF THE HOUSE, KIDS ETC.)**
- 5** **IF WOMEN STUDY TOO MUCH, TOO SMART, HIGHER COLLEGE DEGREE... IT'S A LOT HARDER FOR HER TO GET MARRIED.**

# MOST POPULAR PROGRAMMERS IN THE WORLD 2018

improgrammer.net

**BILL GATES (MICROSOFT CO-FOUNDER)**

**JAMES GOSLING (JAVA CREATOR)**

**BJARNE STROUSTRUP (C++ CREATOR)**

**TIM BENERS-LEE (HTML AND WWW INVENTOR)**

**LINUS TORVALDS (LINUX KERNEL CREATOR)**

**DENNIS RITCHIE (C PROGRAMMING LANGUAGE  
CREATOR)**

**DREW HOUSTON (DROPBOX CREATOR)**

**JACK DORSEY (TWITTER CREATOR)**

**YUKIHIRO MATSUMOTO (RUBY INTERPRETER)**

**MARK ZUCKERBERG (FB CREATOR)**

**RUCHI SANGHVI (FB'S FIRST FEMALE ENGINEER)**

<https://insights.stackoverflow.com/survey/2018>

**JOHN RESIG (JQUERY, JAVASCRIPT LIBRARY)**

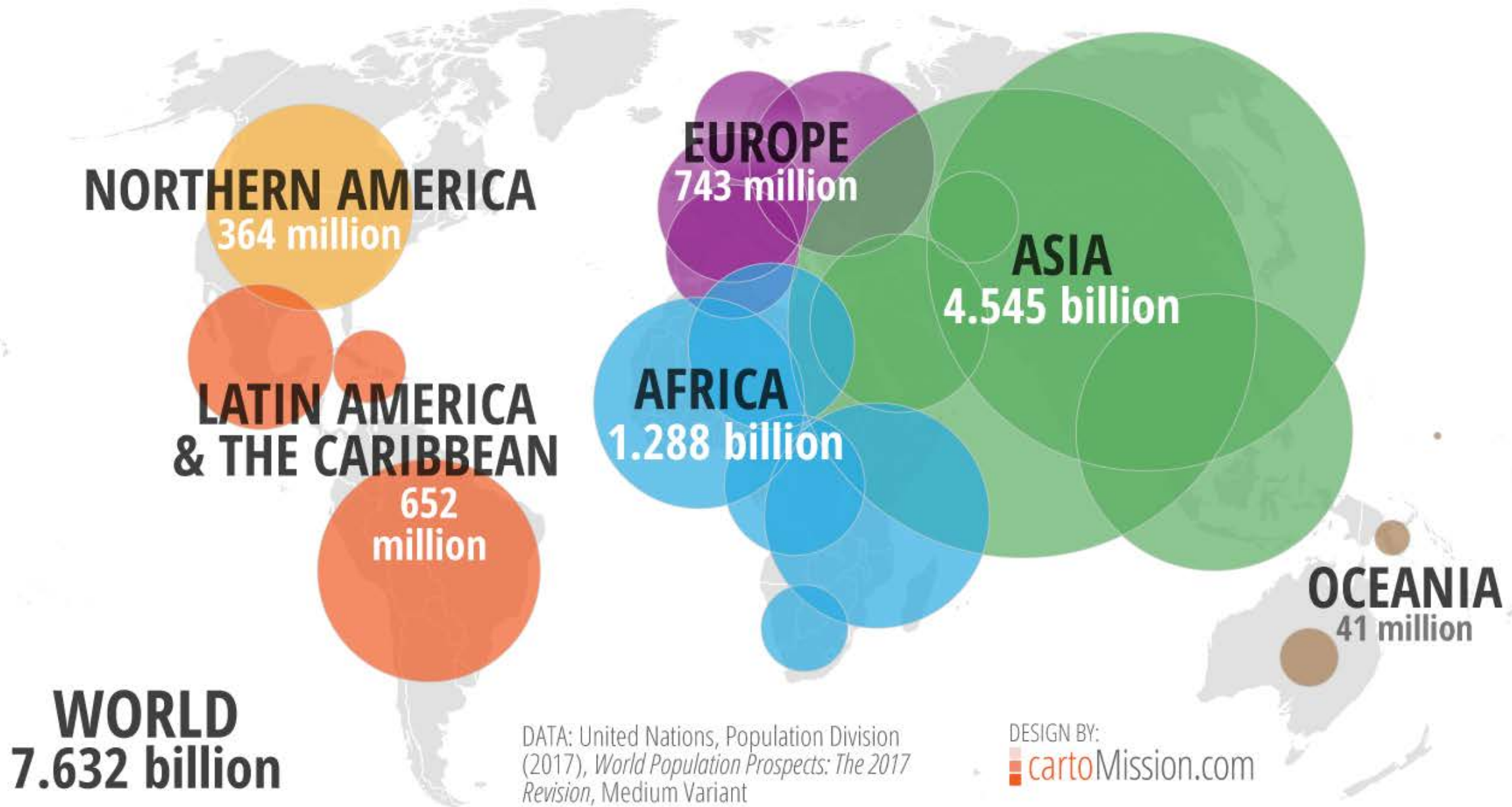
**PHIL KATZ (ZIP FORMAT)**

TO PREPARE

**THE FUTURE SKILLS**

**ALMOST EVERYONE USES  
COMPUTERS AND SMART PHONES**

# POPULATION 2018 BY REGIONS





**21 MILLION CODERS  
IN 7.8 BILLION HUMANS**

**0.27%**



C  M P A S S

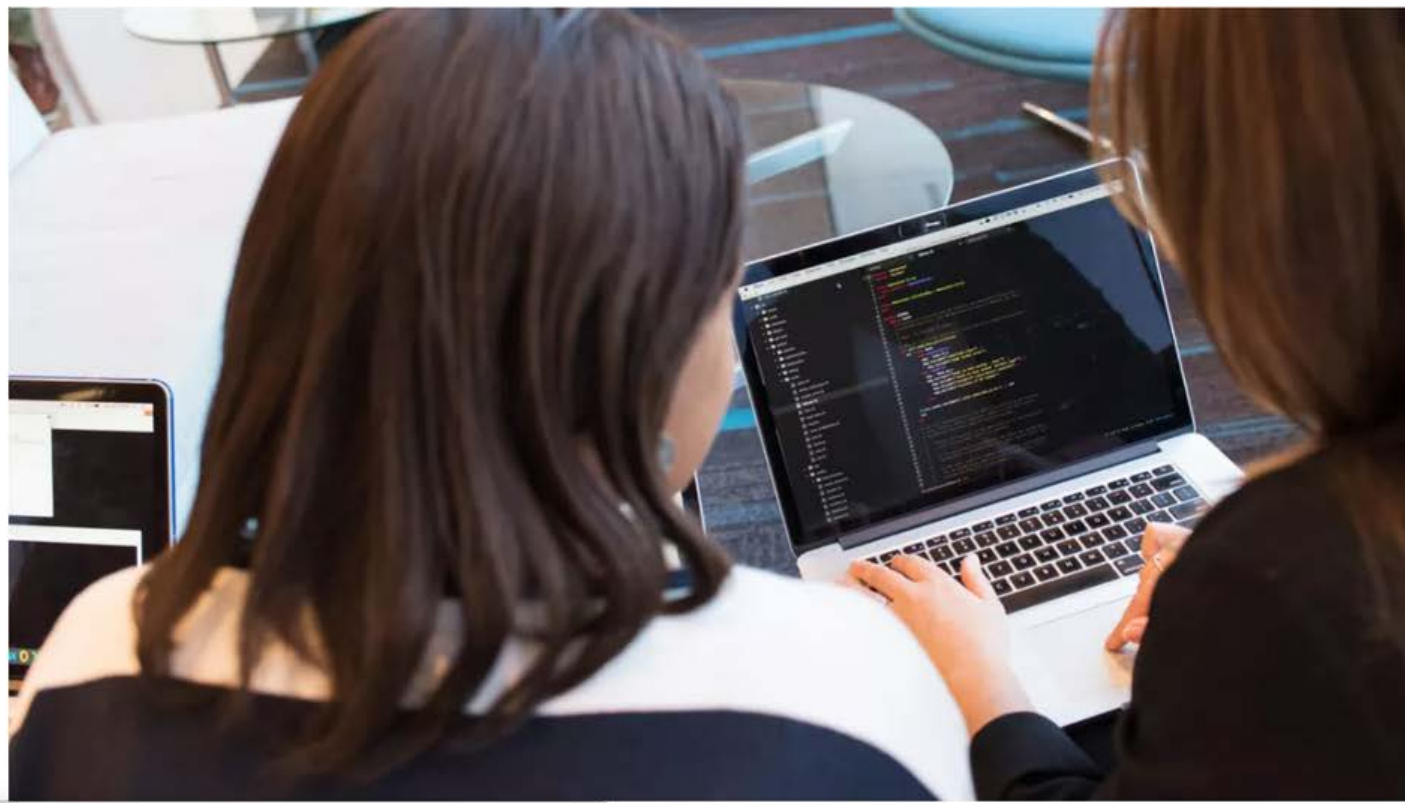
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Enter your email address

06.14.16 | THE FUTURE OF WORK

# Why Coding Is Still The Most Important Job Skill Of The Future

Computer programming jobs may be declining, but coding is becoming the most in-demand skill across industries.



TO TAKE

**ACTION**

# PROGRAM ACTIVITIES

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## DIVERSITY CROWDPITCH

THE FIRST EVER PITCHING FOR DIVERSITY AND INCLUSION IN VIETNAM

## VIET WOMEN MEET TECH VIDEO SERIES

Monthly - Video series on tech related topics helpful for Vietnamese women beyond the classrooms

- a. Debugging myths of Women in Tech worldwide and in Vietnam
- b. Inspiring interviews of role models in Viet Tech (not gender-specific)
- c. Basic tech news updates local and global

## WOMEN MEET CODE

Workshop series / meetups opportunities for Viet women:

- a. Technical training with support from Google dev community, dev tools, Google Cloud Platform etc.
- b. Build a supportive, comfortable environment specifically for Viet women to learn and grow together

# GOALS

- **EMPOWER VIETNAMESE WOMEN & MEN WITH MORE TECHNICAL SKILLS**
- **FOSTER DIVERSITY & INCLUSION COLLABORATION. CLOSING THE GENDER GAP IN TECH IN VIETNAM**
- **PROVIDE POSSIBLE ECO-SOCIAL SOLUTIONS TO BUSINESSES AND LOCAL COMMUNITY**



# DIVERSITY CROWDPITCH

A diverse team with interdisciplinary backgrounds to produce creative solutions for more diversity and inclusion in local communities. Each team will create and pitch product under one of the following themes

**1**

**WOMEN'S  
HEALTH AND  
SAFETY**

**2**

**ECONOMIC FREEDOM FOR  
VIETNAMESE WOMEN**

**3**

**POWERED BY PERSPECTIVE : CREATE A TOOL THAT WILL ASSIST  
MALE ALLIES IN SUPPORTING WOMEN IN THE WORKPLACE.**

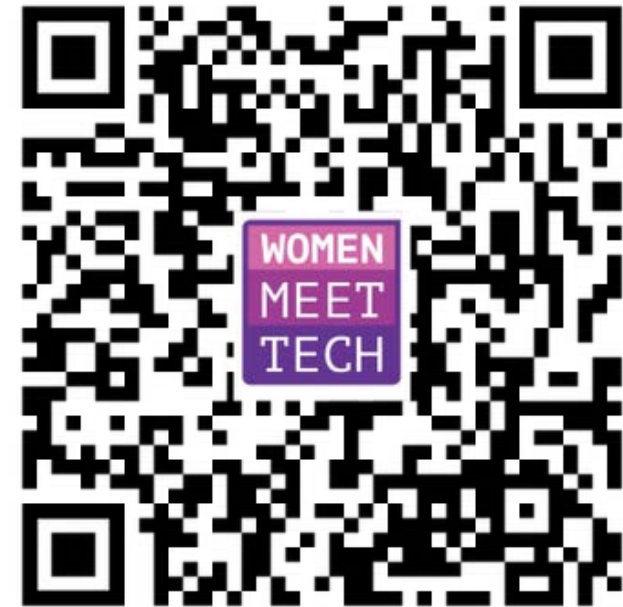


# SUBMIT YOUR PITCH ON WOMENMEETTECH.ORG

SUBMISSIONS WITH SOME LEVEL OF CODING WILL BE PRIORITIZED.



**NEED HELP?  
ATTEND OUR NEXT  
WORKSHOPS!!!**







Hosted by



# WEB APP BASICS & DIVERSITY CROWDPITCH

*\*IMPORTANT\* Please bring your government issued ID to enter the venue*

*\*\*No-coding experience required*

## Time & Location

**13:30 – 18:00, 6th Aug 2019**

The American Center, 8th floor, Diamond Plaza  
34 Le Duan Str., Ben Nghe Ward, D1,  
HCMC, Vietnam



**Quynh Ruby**

- Software Engineer  
EGANY



**Tham Le**

- Sr Software  
Engineer Chotot



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- Google Women Techmaker Ambassador  
• Former college faculty in Boston, MA



# WORKSHOP SERIES

Conduct monthly (at the American Center HCMC). Prepare women to be teach-ready for the future workplace. 1-6PM

1

ADVANCED  
TECHNICAL  
SKILLS

2

PITCHING IDEAS / COMMUNICATION  
FOR WOMEN IN TECH

3

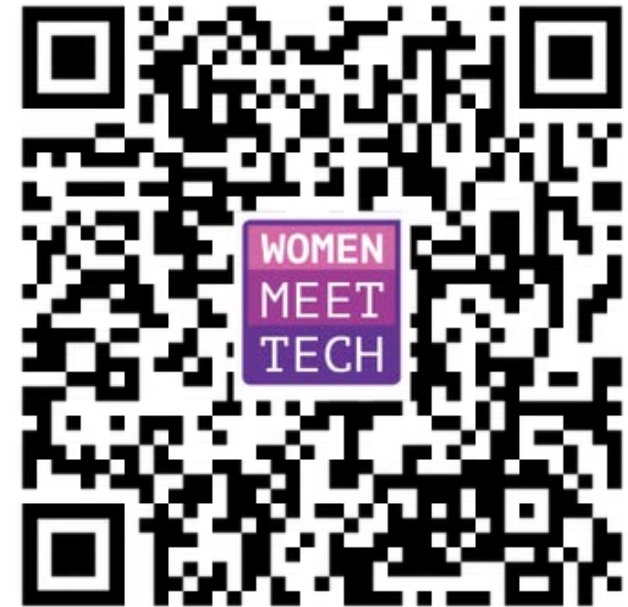
PEER-TO-PEER LEARNING  
A SUPPORTIVE AND COMFORTABLE ENVIRONMENT FOR WOMEN TO  
SHARE, LEARN, AND GROW TOGETHER



**'WHAT I CANNOT CREATE,  
I DO NOT UNDERSTAND.'**

RICHARD P. FEYNMAN

**ATTEND OUR NEXT  
WORKSHOPS!!!**

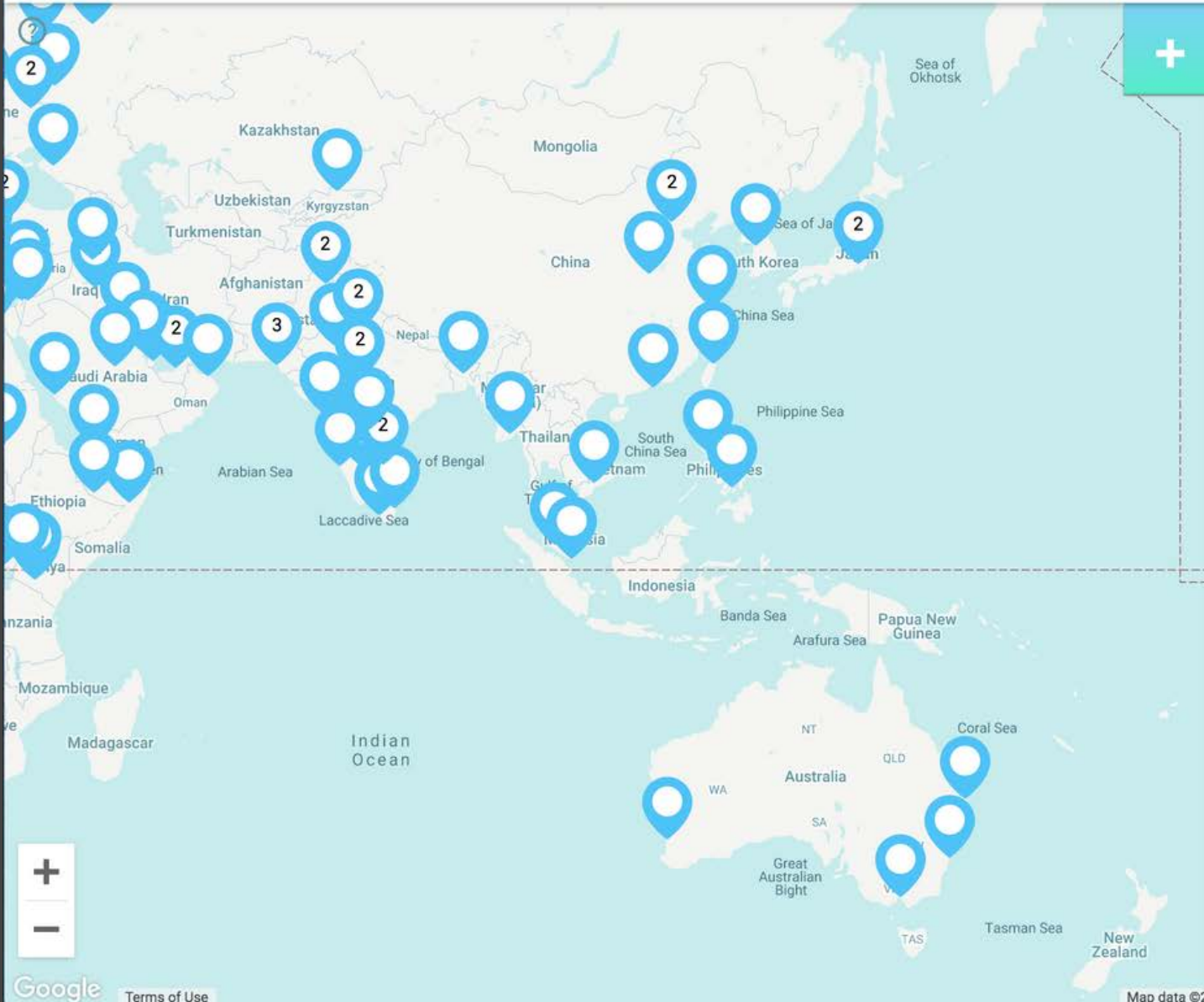


# PARTNERSHIP

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### Women Meet Tech

Ho Chi Minh City  
Accessibility,  
Artificial Intelligence, Beginner,  
career-development;coaching,  
+ 11 more



### Women Tech-Makers of North and East Sri Lanka

Batticaloa  
Artificial Intelligence,  
career-development;coaching,  
Entrepreneurship,  
University/College, + 2 more



### Women TechMakers Erbil

Erbil  
Android, Beginner, Data Science,  
Design, + 9 more



### Women Techmakers Abu Dhabi

Abu Dhabi  
Android, Artificial Intelligence,  
Beginner, Cloud, + 10 more



### Women Techmakers Cebu

Cebu City  
Android, Data Science, Design,  
Front End Development, + 4 more

## Scholars Program Eligibility



North America



Europe, the Middle East  
and Africa



Asia Pacific

Asia Pacific



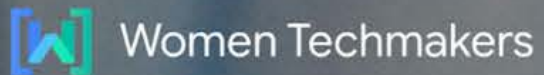
UDACITY

## Women Techmakers Udacity Scholarship

Women Techmakers is offering fully funded scholarships for a year of access to one of four technical online degree programs from Udacity, as well as extra support, special access, and connection to the global Women Techmakers community.

[READ MORE](#)

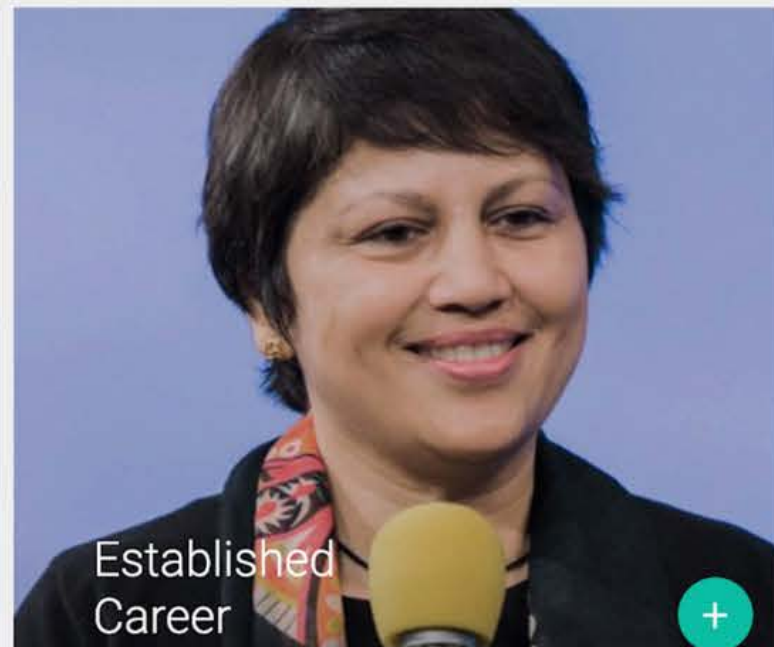
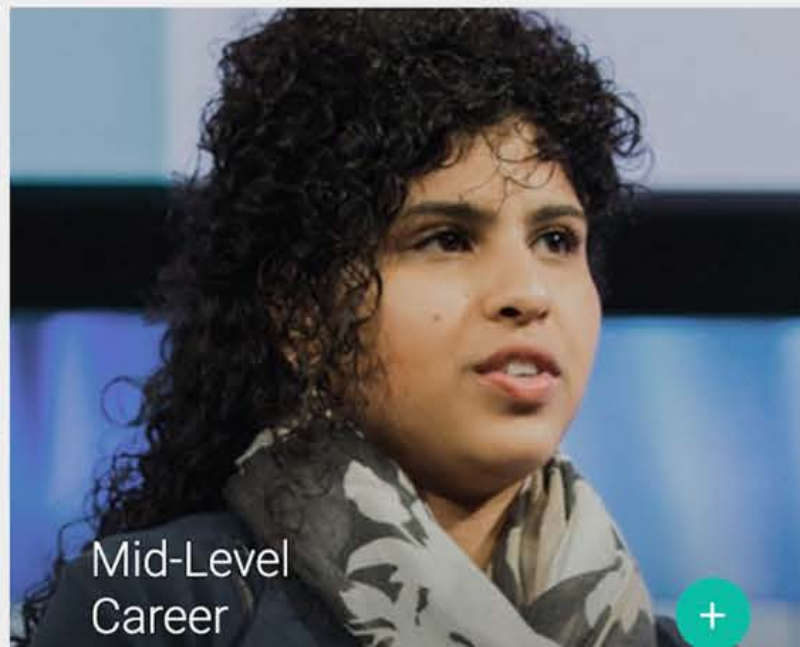
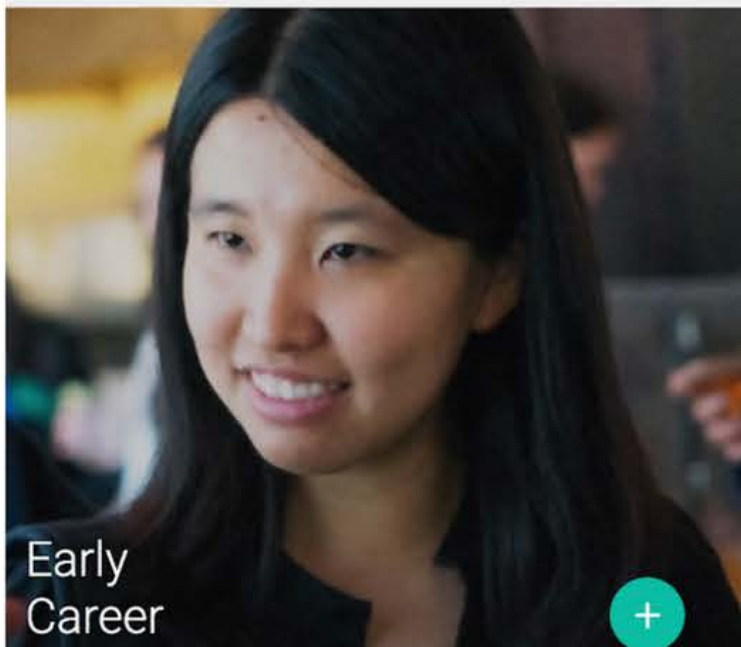
**SCHOLARSHIPS OF GOOGLE-CERTIFIED ONLINE PROGRAMS**



Women Techmakers

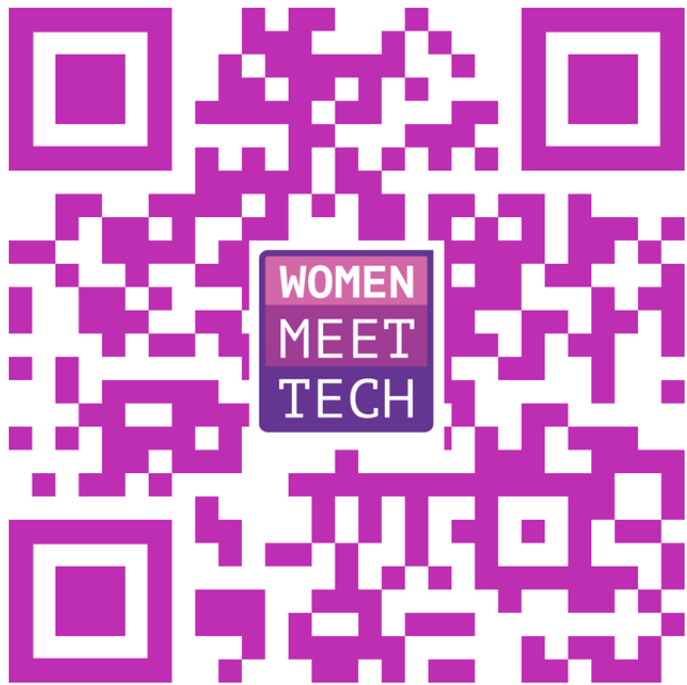
## Join the movement

Membership empowers women in their careers by providing access to curated resources and events, as well as information and tools from Google, our partners, and the global tech ecosystem.



[www.womentechmakers.com/membership](http://www.womentechmakers.com/membership)





# WEB TECH BASICS

DIVERSITY CROWDPITCH

[HTTP://BIT.LY/WMT\\_2](http://bit.ly/wmt_2)

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**“WHEN GIRLS ARE  
EDUCATED, THEIR  
COUNTRIES BECOME  
STRONGER AND MORE  
PROSPEROUS.”**

FIRST LADY MICHELLE OBAMA.

**# I AM**  
*Remarkable*

# I AM Remarkable

Individual exercise

# I AM Remarkable

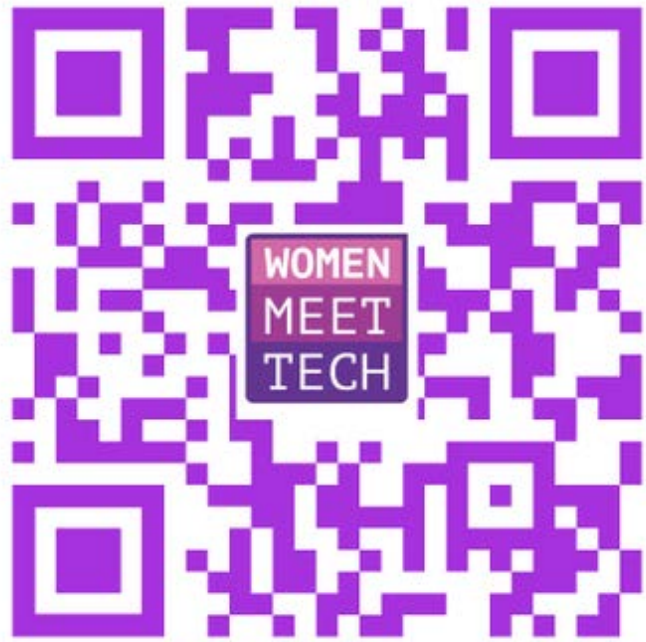
because ...

# I AM Remarkable

Group exercise

# I AM Remarkable  
because ...





# TRANSFERABLE SKILLS

FOR SUCCESS IN TECH

[HTTP://BIT.LY/WMT\\_1](http://bit.ly/wmt_1)