

A Tale of Two CSTA Equity Fellows





Dr. Abigail Joseph

dr.abigailjoseph@gmail.com

Twitter: @drabigailjoseph

drabigailjoseph.com



Charity E. Freeman

cfreeman.chicago@gmail.com

Twitter: @ChariosiTeach

www.charityfreeman.com

CSforCA CS Equity Guide


To explore the challenges, opportunities, and consequences for implementing equity-minded K-12 computer science; and

To demonstrate useful examples of schools and district leaders that have connected equity and computer science implementation; and

To offer suggestions for additional resources to confront inequity in computer science education

<https://csforca.org/csequityguide/>





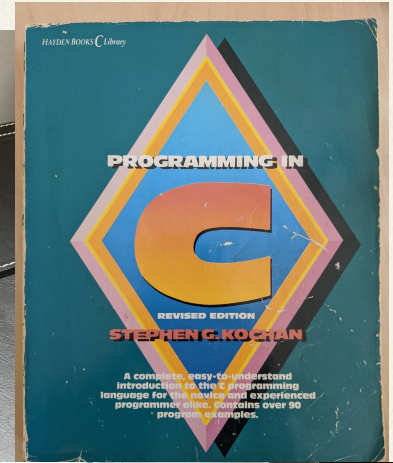
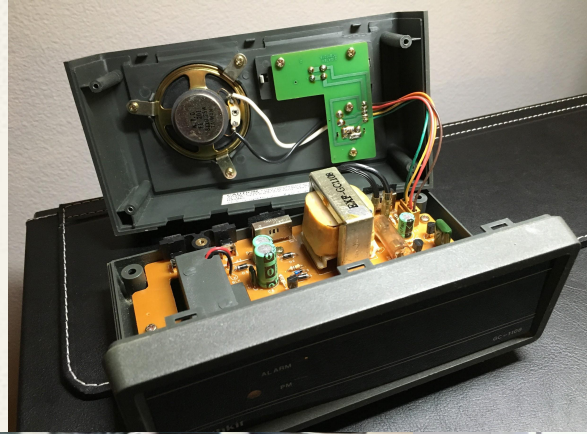
**Why is it
important to
focus on
equity in
computer
science?**

Pre-Fellowship

How did we get there?

Abigail

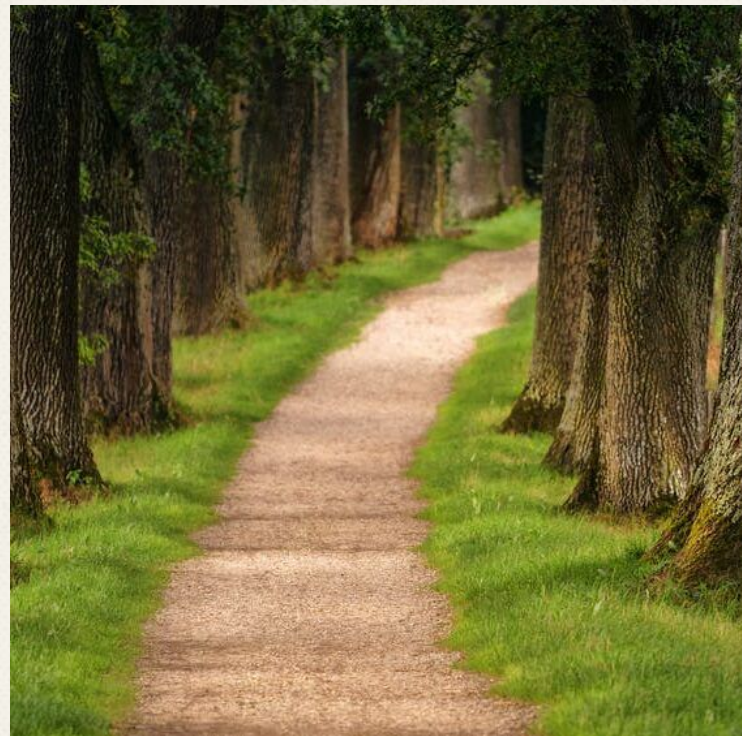
- Bell Labs Summer Science Program
- Teaching K-12
- CS Course Development



Charity

My Pathway to CS:

- Undergraduate Career Advisor
- High School Career Advisor
- High School Business Teacher
 - Web Design
- High School CS Teacher
 - Exploring Computer Science
 - CT & Problem Solving
 - Media Computation w/ Python



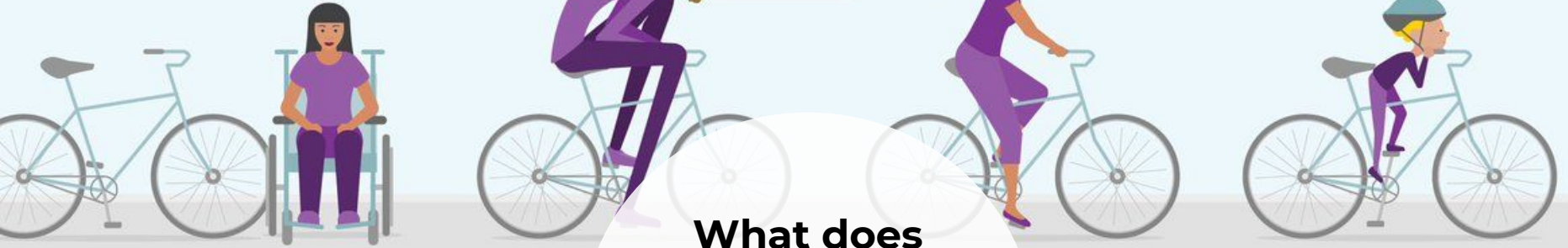


They rarely talked about the unfairness of the world with the words that I use now with my social justice friends, words like “intersectionality” and “equality”, “oppression”, and “discrimination”.

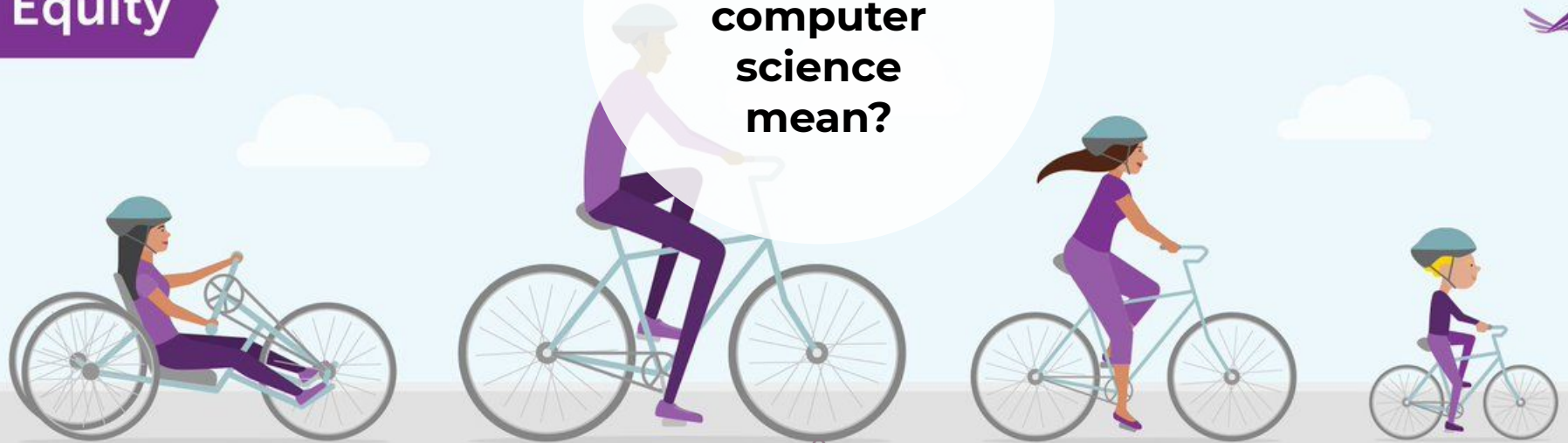
*They didn't discuss those things because they were too busy **living it, navigating it, surviving it.**”*

*— **Janet Mock**, Redefining Realness: My Path to Womanhood, Identity, Love & So Much More*

Equality



Equity



**What does
equity in
computer
science
mean?**



Fellowship (2019 - 2020)

What did we do?



Abigail



- Demystifying Computer Science for teachers
- CS+X and Integrated Curriculum
- CS Edweek Campaign
- Workshops for SJSU Education College Faculty and Students

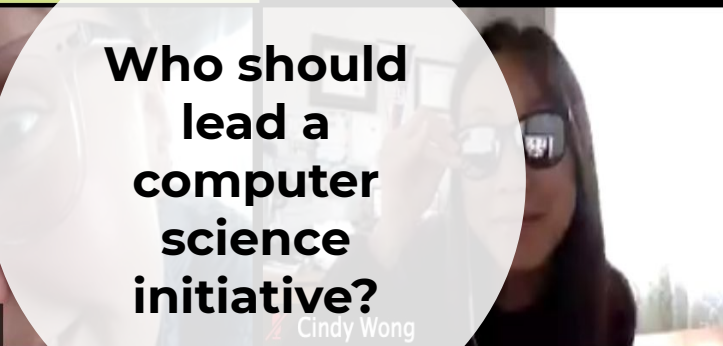


Charity



- Project: The Value of Unit Zero
 - Use Your CS Course Syllabus to Build Classroom Culture
- Teach Plus Illinois Teaching Policy Fellowship
 - Recruiting & Retaining TOC
- M.A. in Cultural & Educational Policy Studies





**Who should
lead a
computer
science
initiative?**



Post-Fellowship

What else have we been doing?

Abigail

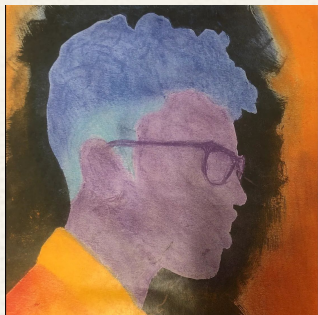
- Co-chair CSTA PD Committee
- Appointed CSTA Board Member
- San Jose State University - STEM+C Summer Institute
 - CS Seminar
- SoCal Computer Science Equity Task Force
- Collaboration with Equity Fellows



*For the master's
tools will never
dismantle the
master's house.*


*They may allow us
temporarily to beat him at
his own game, but they will
never enable us to bring
about genuine change.*

-Audre Lorde



Charity

- CSTA Board of Directors, Appointed Member
 - Nominations & Elections Committee
- CSTA Annual Conference Committee
 - Equity & Diversity Strand, Co-Lead
- Associate Director of Teacher Training
 - Discovery Partners Institute - Univ of IL
 - State's 1st online CS Teaching Endorsement
- Ed.D. in Curriculum, Communities, & Culture

A photograph of Barack Obama, wearing a dark suit and a black baseball cap, sitting at a long wooden table in a classroom. He is looking towards the left, where several young students are seated. The students are wearing dark blue shirts with a circular logo. They are working on laptops. In the foreground, a laptop screen displays a colorful grid-based game. In the background, there are large windows with ornate brown curtains and blue drapes. A large screen on the right shows a code editor with syntax-highlighted text.

**How should
computer
science class
be taught?**

CREDITS

Special thanks to all the people who made and released these awesome resources for free:

- Presentation template by SlidesCarnival
- Photographs by Unsplash
- Backgrounds by SubtlePatterns