

# ERICA GOODWIN

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## EDUCATION

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### Harvey Mudd College

B.S. in CS/Math · GPA: 3.4 (*Dean's List*)

Claremont, CA

May 2019

## SKILLS

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### Programming:

- Ruby (Rails) · C · C++ · Python · JavaScript (jQuery) · Java · Racket · HTML · CSS

## RELEVANT COURSEWORK

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Software Development · Algorithms · Data Structures and Program Development · Computer Systems

## WORK EXPERIENCE

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### Girls Who Code

*Pixar Undergraduate Instructor*

Emeryville, CA

Summer 2017

- Taught 20 high school students computer science during an eight week all day intensive summer program
- Planned and led lectures covering functional programming, robotics, web frameworks, data science, algorithms, and object oriented programming
- Worked with Pixar partners to facilitate employee guest speakers and employee-student mentorship program

### Tutor and Grader

*Harvey Mudd College*

Claremont, CA

September 2016 - May 2018

- Tutored students in Harvey Mudd's computer science courses CS5, CS60, and CS81
- CS5 and CS60 topics included recursion, assembly, data structures, algorithms, and theoretical CS
- CS81 topics included logic, automata, and computability theory

### STEAM Coders Instructor

*Harvey Mudd College*

Claremont, CA

September 2016 - December 2016

- Ran computer science classes for eight four-hour Saturday sessions
- Taught Scratch to twenty low-income elementary and middle school students
- Guided students through the CS First curriculum as well as individual projects
- Recruited and coordinated a team of volunteers

## LEADERSHIP

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### FEMunion Officer

*Harvey Mudd College*

Fall 2017- Present

- Organized a mentorship program to build community among femme-identifying students at Harvey Mudd
- Worked with other FEMunion leaders to host educational events on feminist issues

### Office of Institution Diversity Social Justice League

*Harvey Mudd College*

Fall 2017- Present

- Developed and ran community workshops on social justice issues

### Mentor

*Harvey Mudd College*

Fall 2016-Present

- Supported dorm residents with mental health, personal growth, academics, etc.
- Planned bi-weekly dorm events centered around diversity, wellness, and community engagement
- Extensively trained in supporting marginalized students on campus, interpersonal communication and collaboration, and active listening skills

## INTERESTS

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Poetry, intersectional feminism, prison abolition, activism