

# ERICA GOODWIN

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## EDUCATION

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### Harvey Mudd College

B.S. in CS/Math · GPA: 3.5

Claremont, CA

May 2019

## SKILLS

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### Programming:

- C · C++ · Python · JavaScript (jQuery, React) · Java · Racket · HTML · CSS

## RELEVANT COURSEWORK

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Data Structures and Program Development · Computer Systems · Computability and Logic

## 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 2017

- Tutored students in Harvey Mudd's core computer science courses, CS5 and CS60
- Topics included recursion, assembly, data structures, algorithms, and theoretical CS

### 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

### CS Tutoring Video Creator

*Harvey Mudd College*

Claremont, CA

Jan 2016 - May 2016

- Created videos to accompany Harvey Mudd's free, online version of CS5
- Wrote and shot short videos to recap weekly topics and homework assignments
- Videos launched June 2016, expected to be used by thousands of people based on previous years

## LEADERSHIP

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### 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
- Work with other proctors and mentors in planning inter-dorm events, community building activities, hall programs

### 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 education 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

## INTERESTS

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Poetry, intersectional feminism, activism