

# Katie Erickson

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## EDUCATION

**Harvey Mudd College** Claremont, CA May 2019  
Bachelor of Science in Computer Science

**Campolindo High School** Moraga, CA June 2015  
GPA 3.91 • SAT 2320 • ACT 35

## RELEVANT COURSEWORK

Introduction to Computer Science • Principles of Computer Science • Linear Algebra • Differential Equations • Multivariable Calculus • Data Structures and Program Development • Social Justice in STEM

## SKILLS

**Languages** Python • Java • Racket • C++

**Tools** Git • Autodesk • SolidWorks • Matlab • Igor

## WORK AND VOLUNTEER EXPERIENCE

**Harvey Mudd College Computer Science Department** Tutor August 2016- Present  
Guide students new to computer science through coding assignments

**Science Bus** Writer and Teacher 2015 - Present  
Design lessons and labs to help elementary school students learn about evolutionary biology  
Lead classes through experiments to enhance students' learning of Common Core science standards

**International Volunteer Headquarters** Kindergarten Assistant Teacher July 2016  
Helped teach English to children in a Fijian kindergarten

**Acalanes Union High School District** Lifeguard and Swim Instructor 2013 – 2016  
Taught people of all ages how to swim and be water-safe and served as a lifeguard

**UNC Big Words** Writer and Quality Assurance Support Assistant 2010 – 2015  
Wrote and edited books aimed to help teens with disabilities expand their scientific vocabulary

## EXTRACURRICULAR AND LEADERSHIP ACTIVITIES

### Linde Dorm Mentor

Provide support to first year student throughout orientation and the school year  
Program with the dorm leadership team to plan events that promote wellness, faculty connections, community engagement and diversity among residents

### Member of NASA Datanauts Class of 2016

Engage with members across the country to work through coding development tracks prepared by NASA and use data science skills to solve space related problems

### The Golden Antlers Staff Writer

Write articles to be published on student-run satirical news website

### Member of Claremont-Mudd-Scripps NCAA Division III Swim Team

### Member of Women's Association of Computing Machinery

### Member of Society of Women Engineers

### Captain of Orinda Aquatics Swim Team

### Captain of Campolindo High School Varsity Swim Team