

# Caitlin Sigler

caitlins360@gmail.com (626) 807-5297

GitHub: <https://github.com/caitlinsigler> LinkedIn: <https://www.linkedin.com/in/caitlinsigler/>

## Education

### **Santa Clara University, Santa Clara, CA**

Bachelor of Science in Computer Science (Software Emphasis), expected in June 2020

Environmental Studies & Sustainability Double Minor

**Related Coursework:** Design and Management of Software, Automata Theory, Algorithm Theory, Operating Systems, Discrete Mathematics, Object Oriented Programming, Data Structures, Probability & Statistics, Embedded Systems & Logic Design, Single and Multivariable Calculus

## Skills

**Languages (Proficient):** C++, C

**Languages (Intermediate):** JavaScript, HTML, CSS, ARM Assembly, MySQL

**Operating Systems:** Mac OS, Windows

**Additional:** Team player, troubleshooter, communicator, efficient, intermediate Spanish speaking skills

## Work Experience

### **Code Hobbits, Fremont, CA**

**October 2018-Present**

*Associate Developer*

- Develop math and computer science problems and solutions for students to reinforce and expand upon their fundamental skills
- Write JavaScript coding challenges with constraints that require creative problem solving
- Create blog posts detailing the mathematical solutions to puzzles and brain teasers

### **Santa Clara University School of Law, Santa Clara, CA**

**April 2018-Present**

*Administrative Assistant and Desk Assistant*

- Manage SALTO system to ensure protected access for law professors, administrators, and students
- Publish documents, templates, schedules, and expense reports for professors and administration
- Transfer incoming calls to necessary departments and maintain an internal filing system

### **Code Hobbits, Fremont, CA**

**June-July 2018**

*Educator*

- Taught STEM Summer classes to students age 10-14 such as Virtual Reality, Circuit Playground, Scratch & Makey Makey, and Tinker Studio
- Introduced young students to core STEM topics and design thinking principles
- Collaborated with coworkers to create the best possible educational environment for students

## Projects

### **Uadopt (<https://uadopt.netlify.com>)**

**Fall 2018**

*Team Member/ Algorithm Developer*

- Web-based software that integrates AI to match a user with their ideal dog breed
- Developed the algorithm that compares user preferences and breed traits to determine which breeds would be most compatible with the user

## Community Involvement

### **Food and Agribusiness Institute, Rwanda**

**April-August 2018**

- Participated in an immersive study in Rwanda through Santa Clara University that focused on sustainable development and technological advances in Rwanda
- Met with business professionals and entrepreneurs who promote social benefit and sustainability within the country as well as internationally
- Spoke with USAID representatives at the US embassy to discuss their goals and achievements