Holly Ham

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Education

University of California, San Diego   **La Jolla, CA**

- Major: Computer Science   Expected Graduation: 2021
- **Relevant Coursework:** CSE 11: Intro to CS & OOP, Java (Fall 2017)
  MATH 20C: Calculus for Science and Engineering III (Fall 2017)
  CSE 12: Data Structures & Object-Oriented Design (Winter 2018)
  CSE 20: Discrete Mathematics (Winter 2018)
  CSE 21: Mathematics for Algorithms and Systems (Spring 2018)
  CSE 30: Computer Organization and Systems Programming (Spring 2018)

Rocklin High School   **Rocklin, CA**

- High School Diploma   June 2017
- 4.48 GPA, Top 2% of class
- Distinguished Community Service Award for 150+ hours of service

Experience

Hewlett-Packard Enterprise   **Roseville, CA**

Aruba Networks Intern   June 2017 - August 2017

- Worked on a team of to develop a low-cost live stream camera with a Raspberry Pi to securely monitor the status of the switches in the HPE labs.
- Designed an overhead, motor controlled wire mount to enable the camera to move non-intrusively along the aisles of switches.
- Saved the company approximately $2,000 per employee annually
- Created a UI on a password-protected Apache server using HTML, CSS, and JavaScript to allow users to access the live stream and control the camera's position from HPE offices throughout the country and abroad.

Activities

SD Hacks

UC San Diego Hackathon   October 2017

- Worked on a four person team to create a haiku generator powered by Flask and Python.
- Created a UI using HTML, CSS, and JavaScript.

WIC Programming Competition

Women in Computing Event   December 2017 and March 2018

- Pair programming competition to solve a series of challenges on Hackerrank in two and a half hours or less
- Winter 2018: Placed 17th out of nearly 166 participants
- Fall 2017: Placed 34th out of nearly 176 participants

Triton Conceptualize

Front-End Development Organization   2017 - Present

- Organization aiming to provide technical and web development services to nonprofits.
- Participate in weekly team meetings and aid in organizing technical workshops and events.
- Redesigned a website for volunteer harvester organization Harvest Crops by using Wordpress and basic HTML and CSS.

Skills

- Proficient in Java, HTML, CSS
- Familiar with C, C++, Python, JavaScript, Mathematica, Swift
- Experience with Photoshop CS6, Microsoft Office, Chrome DevTools, Git, Vim
- Operating Systems: Linux, Mac OSX, and Windows