

Holly Ham

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Education

University of California, San Diego

La Jolla, CA

Expected Graduation: 2021

- Major: Computer Science
- Relevant Coursework: CSE 11: Intro to CS & OOP, Java
MATH 20C: Calculus for Science and Engineering III
CSE 12: Data Structures & Object-Oriented Design
CSE 20: Discrete Mathematics

Rocklin High School

Rocklin, CA

June 2017

High School Diploma

- 4.48 GPA, Top 2% of graduating class
- CSF lifetime member
- Distinguished Community Service Award for 150+ hours of service
- Relevant Coursework: AP Computer Science A
AP Calculus AB/BC
AP Physics 1/C: Mechanics

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 GUI 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.

Skills

- Experience with Java, C++, HTML, CSS, JavaScript
- Proficient in Photoshop CS6 and Microsoft Office
- Operating Systems: Linux, Mac OSX, and Windows

Activities

SD Hacks

La Jolla, CA

October 2017

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

WIC Programming Competition

La Jolla, CA

December 2017

- Pair programming competition on Hackerrank
- Placed 34th out of nearly 176 participants

Triton Conceptualize

La Jolla, CA

2017 - Present

- Organization aims to provide technical and web development services to nonprofits.
- Developer position in project to redesign a website for volunteer harvester organization Harvest Crops