



COMPUTING SKILLS, TOOLS, & STRENGTHS

- Java, C++, Python, C#, JavaScript, HTML, CSS
- Node.js, ReactJS, Bootstrap
- REST, Apache Spark, JSON, Maven, JUnit
- Visual Studio, Eclipse, JetBrains software, Unity
- Experience working in Agile environments
- Version control with Git
- Literate in Linux commands, shell scripting
- Understanding of hardware specifications

EXPERIENCE

Hewlett Packard Enterprise, Fort Collins, CO - *Software Development Intern*

MAY 2019 - PRESENT

- Develops application for the visualization and navigation of large log files across multiple systems

Pelco by Schneider Electric, Fort Collins, CO - *Quality Assurance Intern*

MAY 2018 - OCTOBER 2018

- Worked in agile environment with remote team
- Automated API testing for a security video management system using Python and Robot Framework

Colorado State University, Fort Collins, CO - *Undergraduate Teaching Assistant*

AUGUST 2017 - MAY 2018

- Taught the foundations of Java and Object Oriented programming to small groups in lab
- Worked "Help Desk" hours to be available for one-on-one assistance and clarification

Lat-Lon, Denver, CO - *Quality Assurance Intern*

JUNE 2017 - JULY 2017

- Soldered and programmed boards, tested and inspected components of GPS units designed to record and report custom metrics to the client's online interface

LEADERSHIP AND ACTIVITIES

ACM-W - *Treasurer, Webmaster, Ex-officio*

AUGUST 2016 - PRESENT

- Organizes, attends, and volunteers for events designed to inform and create opportunities for women and minorities in Computer Science
- Oversaw funding and purchases (2017-2018)
- Managed and developed automated system for updating website and emails (2018-2019)
- Mentors new leadership (2019)

CSU Maker Committee - *Founding Member*

OCTOBER 2018 - PRESENT

- Created with the inception of the Nancy Richardson Design Center with the goal of helping students to get access to training and equipment for prototyping, wood working, and metalworking

CSU Mentorship & Outreach - *Volunteer*

AUGUST 2017 - PRESENT

- Gives tours, talks, and workshops to prospective students and mentors current students in Computer Science to improve enrollment, retention, and graduation rates, particularly for women and other underrepresented students

Expanding Your Horizons - *Volunteer, Workshop Leader*

APRIL 2017 - APRIL 2019

- Put on "Binary Bracelets" workshop for middle school girls with an interest in technology at the annual EYH conference in Fort Collins

EDUCATION

Colorado State University, Fort Collins, CO

Bachelor of Science in Computer Science

EXPECTED DECEMBER 2019 GPA: 3.75

PROJECTS

- Exploration of linguistic processing and text generation using Markov chains and neural networks with Pytorch to create computer generated poetry*
 - Virtual reality subtractive art program developed for Oculus Rift in Unity with a small team for a user study evaluating differences between 3D art forms; users could control the movement and size of a brush to carve from a high density block of voxels
 - Reimagined board games which are playable in-browser and allow multiple players to simultaneously conduct turns, updating meaningful data for all players using WebSockets*
 - Recursive ray tracing rendering engine in C++ which produces images or animations of 3D space from object (.obj) files with basic transformations applied
 - Full stack online trip planning service developed in Java and ReactJS with small team; users can make filtered queries to global database of airports, allowing them to design and export trips with customizable optimization
- *Ongoing**