Hayden Carroll

🌐 haydenccarroll.com ✉ haydenccarroll@gmail.com ⬡ haydenccarroll 📱 208-618-1704

EDUCATION

University of Idaho
BS in Computer Science   *Expected Graduation: December 2022*

North Idaho College
AS in Computer Science GPA: 3.85/4.0   *May 2021*

North Idaho STEM Charter Academy
High School STEM Diploma: 3.76/4.0   *May 2021*

EXPERIENCE

Idaho Codes at North Idaho College
Programming Mentor   *June 2021 - July 2021*
- Provided assistance to over a dozen students middle school and high school students in the fundamentals of HTML, CSS, and JavaScript
- Learned React.js on the job

NASA ELaNa-19 Cubesat Team
Web Development Lead   *May 2018 - January 2020*
- Created a website with HTML/CSS/JS in conjunction with my teammates
- Helped raise over $250,000 for the project through community outreach

NASA Artemis Lunar Lava Tube Competition
Team Lead   *February 2021 – June 2021*
- Lead a team of 4 to create a rover to be tested at the competition
- Used a variety of different technologies such as Python, C++, and Bash
- Managed $2,000 in funds

PERSONAL PROJECTS

Out Of The Dark
- Out Of The Dark is a 2D top down maze game created by myself and one teammate for our Computer Science II class. Because our game was rather large in scope, I had to learn good strategies for organizing such a large code base.

Easy LC3 Editor
- The Easy LC3 Editor is an editor and interpreter for the LC-3 Assembly language created for my Computer Assembly class. Using Python3, my partner and I created a fully-functioning GUI Text Editor, as well as an interpreter specifically for the LC-3 Assembly language.

ADDITIONAL

- Relevant Coursework: Computer Science II, Computer Architecture and Organization, Systems Software, Programming Languages, Operating Systems, Discrete Mathematics, Calculus II Natural Language Processing, Computer Systems, Databases, Computer Security, Abstract Algebra
- Vice President of North Idaho College Computer Science and Technology Club
- Member of the 2021 North Idaho College Programming Team
- Member of Phi Theta Kappa Honor Society at North Idaho College
- Consistently on the Dean's list at North Idaho College
- Technical Skills: Python, C, C++, JavaScript, Javascript, React.js, Linux