
EDUCATION

University of Colorado at Boulder, Boulder, Colorado
B.A. Computer Science. Minor, Creative Technology and Design

GPA: 3.6 / 4.0
Expected May 2022

WORK EXPERIENCE

ColdQuanta

Boulder, Colorado

Software Development Engineer Intern

June 2021 – September 2021

- Created new and improved on old Python software to support the team working on the Hilbert quantum computer, utilizing tools such as Flask, IPython Notebooks and InfluxDB. Some tools were adopted by the Madison, WI Team.
- Performed daily software deployments.
- Worked on the new ColdQuanta Cloud Service website, created with a React frontend and Python backend.
- Built the RESTful client API that supported requests worth \$2000 per hour.

ETABot

Boulder, Colorado

Full Stack Software Engineering Intern

February 2021 – Present

- Worked on a start-up webapp to assist project managers by using AI integrated with project management software.
- Developed with a Django backend and Angular frontend, utilizing the Jira API.
- Helped manage the hiring and on-boarding process for new interns.

Universal Atlantic Systems

Paoli, Pennsylvania

Installation & Service Technician

June 2019 – September 2019

- Installed and serviced intrusion alarm systems and closed-circuit television systems in commercial facilities.

Internal IT Support

June 2018 – September 2018

- Responded to employee requests to assess, fix, or replace their work hardware and software.
- Took initiative to create a website for employees to purchase company merch.

Video Network & Support Technician

June 2017 – September 2017

- Responsible for building, programming, and troubleshooting network-based video security systems.

SKILLS

Languages: Python, TypeScript/JavaScript, HTML, CSS, SQL, Java, C++, Scala

Frameworks: Flask, Angular, Express, Docker, Node

Software: Fusion 360, Unity, Illustrator, Photoshop, InDesign, Dimension

PROJECTS

In My Opinion

- Social media web app for creating and sharing polls
 - Project manager for the four-person team working with agile methodologies
 - Worked on the entire development stack
 - Created the Express app API
 - Designed and implemented the PostgreSQL database
 - Wrote user authentication and sessions middleware
 - Helped work with the frontend design
 - Deployed on Heroku utilizing Docker containers

EXTRACURRICULAR ACTIVITIES

Leadership: Phi Gamma Delta Fraternity – Founding father, Exec board, CU CS Club – Officer

Service: Vitalant – Organized blood drive, RMDHC – Provide a meal program, CU Boulder – Designated note taker

Interests: Hobby electronics, RC quadcopters, 3D modeling and printing, woodworking, snowboarding