
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 – Present

- Created and improved on old need-based Python software to support the team working on the Hilbert quantum computer, utilizing tools such as Flask, IPython Notebooks and InfluxDB.
- 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 and helped the frontend team create various React components.

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, Java, C++, Scala, SQL

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