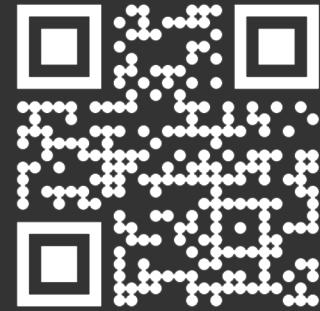


Calum Siemer

Software Engineer



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EDUCATION

B.S.
Computer Engineering
Minors: CS, Cybersecurity

University of Delaware

August 2019 - May 2023

Bootcamps

- Python for Data Science and Machine Learning
- The Complete Web Development Bootcamp

SKILLS

- Python (Flask)
- Javascript (NodeJS, ReactJS)
- SQL (PostgreSQL, SQLite)
- HTML5/CSS/SCSS
- Unix, Git
- Google Cloud
- Firebase
- Kubernetes
- Docker
- Leadership
- Time Management
- Photography
- Drone Pilot
- Photoshop / Lightroom
- IoT
- CI/CD Pipelines
- Debugging
- PCB Design / 3D Printing

EXTRAS

- President, Recruitment Chair and Founding Member - Phi Kappa Sigma
- Business Basics for Engineers
- Order of the Engineer
- Dean's List

WORK EXPERIENCE

Full Stack Software Engineer Intern

IQVIA June 2022 - September 2022 Remote

- Participated in the daily standup meetings as the only SDE on the SCRUM team, learning the fundamentals of Agile workflow and DevOps practices which further enhanced my understanding of the software development lifecycle.
- Built out the UI for the Machine Learning Ops project with the React library for Javascript.
- Worked on a Flask application using Python, which involved managing multiple database connections.
- Worked side by side with Test Engineers to make sure all merged code had the appropriate unit testing on both front and backend applications.
- Gained hands-on experience with various technologies and tools, including Docker, Kubernetes, and Jenkins.

Software Engineer Freelance

SPI Marine Summer 2023 Norwalk, CT

- Built a Python application using tkinter, openpyxl, and pandas to seamlessly extract data from daily PDF reports and append to custom excel sheets, improving company productivity.
- Packaged the application for Mac and Windows operating systems with an installer built using Inno Setup.

Sales Rep, Assistant Manager, Branch Manager

Vector Marketing January 2019 - January 2021

- \$70k+ in personal sales as a rep
- Opened a branch office in New London, CT Summer 2020
- Recruited, Interviewed, Hired, Trained and Managed a sales team of over 10 employees

PROJECTS

GigLink - Startup September 2022 - Current

- Built the React based frontend for our companies first web app called Bartender. This application connects bartenders with private events. With a built in chat system, geo-location for proximity, a rating system, and much more.
- Backend originally developed in Python with SQLite using CRUD methodology, for scaling purposes the Project is being moved to Firebase

Notes App

- Built a full-stack web app to allow users to save their notes in the cloud using firebase and React.

GPT Clone

- Utilized the open ai api to create a clone of the popular ai chatbot with React and Node.js