



## TECHNICAL SKILLS

### Languages

- Python
- C
- Java
- C++
- JavaScript
- TypeScript

### Web Development

- HTML5
- React.js
- CSS/SCSS
- Node.js
- Bootstrap
- Tailwind
- Flask API
- RESTful

### Database Management

- PostgreSQL
- MySQL
- SQLite
- SQLAlchemy

### Libraries/Frameworks

- Pandas
- NumPy
- Seaborn
- TensorFlow
- SciKit-Learn
- Plotly

### Cloud Computing

- Google Cloud (GCP)
- Firebase

### Containerization and Orchestration

- Docker
- Kubernetes

## EDUCATION

University of Delaware 3.2  
B.S. Computer Engineering  
Minors: Computer Science and  
Cybersecurity  
August 2019 - May 2023

### Bootcamps

- [Python for Data Science and Machine Learning](#)
- [The Complete Web Development Bootcamp](#)

### Leadership/Achievements

- Phi Kappa Sigma Fraternity  
Founding Member  
Recruitment Chair 2021-22  
President 2022-2023
- Business Basics for Engineers
- Order of the Engineer
- Dean's List: 4 semesters

## WORK EXPERIENCE

### Software and Automation Engineer(Contract) | *SPI Marine* 08/2023-CURRENT

- Entrusted as key software engineer, driving technical advancements.
- Developed a sophisticated Python automation tool, reducing a routine 15-minute data processing task to just 1 minute, achieving an approximate 93% reduction in process time and substantially boosting operational throughput.
- Packaged cross-platform applications using Inno Setup.
- Developed automated data entry solutions and AI chatbot with GPT-4, LlamaIndex, React & Flask API.

### Full Stack Software Development Engineer Intern | *IQVIA* 06/2022-09/2022

- Engaged in Agile and DevOps, enhancing the software development process.
- Led UI design for Machine Learning Ops with React and Material-UI.
- Managed backend with Flask, PostgreSQL, and SQLAlchemy.
- Conducted unit tests, collaborated for high code reliability.
- Experienced in Docker, Kubernetes, and Jenkins for CI/CD.
- Utilized JIRA for agile project management and Postman for API testing.

### Sales Representative, Branch Manager | *Vector Marketing* 01/2019-12/2020

- Achieved \$70k in personal sales due to strong communication skills.
- Managed New London branch in 2020, recognizing performance excellence.
- Led a sales team to \$120k revenue, showcasing leadership and management skills.

## PROJECTS

### Bartender - Full Stack Web App

- Built a platform connecting bartenders to local private events. Frontend crafted with React and JavaScript; backend anchored in Python using CRUD with SQLite. Features geo-location for real-time job matching, a rating system, and an integrated chat. Currently refining and scaling with Firebase (site temporarily down). [Video Demo](#)

### Cloud Based Notes App

- Developed a cloud-based solution for effortless note organization. Built with Node.js and React.js, leveraging Firebase cloud functions for seamless server-side routing and a reliable database. Features a user-friendly interface and secure Google authentication for an enhanced experience, allowing users to effortlessly store and access their notes. This project underscores my expertise in crafting modern, secure, and efficient web applications. Test it out for yourself ([site](#)) and checkout the [source code](#).

### My Portfolio Web App

- My uniquely interactive portfolio with a reactive user interface, rich animations, and seamless navigation. Its standout feature is a simulated UNIX terminal within React, allowing users to navigate content via command-line interfaces, enhancing user engagement. Dive into this innovative approach to a [portfolio presentation](#).