Sam Alcosser

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Education

Marist College   **Overall GPA: 3.69**

- 5-Year BS/MS Software Development Program
  - **BS in Computer Science** expected May 2022
  - **MS in Software Development** expected May 2023 (part-time)
  - Minors in **Information Technology**, **Information Systems**, and **Cybersecurity**

Experience

Schroth Systems Consulting   **East Hampton, CT (Remote)**

Software Engineering Consultant   February 2022– Present

- Working with various clients building and updating MVC applications and database systems

IBM   **Poughkeepsie, NY (Remote)**

Software Client Facing Technical Support Intern   May 2021 – December 2021

- Assisting the level 2 supervisor technical support team by writing REXX execs to increase the efficiency of the team
- Helping develop a full stack react application as part of an agile development team that will be used internally by the support staff

Collective Strategies Through Marist College's CCAC Group   **Poughkeepsie, NY**

Research Software Developer   September 2019 – May 2021

- Built a middleware which connects multiple accounting services called MIP Connector to be sold as a product for the accounting company Collective Strategies
- Designed and implemented a full stack solution to allow tenant administrators to configure their data mapping profile to best fit their business needs
- Structured and built a logging system to allow the tenants and technicians to have a clearer picture of the state of processes through the UI and emails by utilizing Play Framework's mail client
- Collaborated with a team to create both internal and external facing web API endpoints along with the controllers and business logic behind them

Projects & Related Experience

SamOS   September 2021 – December 2021

Browser Based Operating System

- Built upon the TSOS (Typescript OS) OS framework by implementing features including file management, multiple CPU scheduling algorithms, interrupts, and running user programs

Outfox-AI   September 2021 – December 2021

Implementing AI Within an Existing Web Application

- Led a development team in the implementation of features such as favoriting resources, user friends, and resource, resource group, and friend recommendations within an existing full stack React application.

Workout Tracker   April 2019 - May 2019

Workout Tracker UI Application

- Created UI for application using Java's Swing UI to allow the user to easily input data
- Implemented the Hibernate ORM to easily manage data between the MySQL database and the processes of the application

Skills

Computer Languages: Java, JavaScript, TypeScript, Python, C#, C++, SQL, and REXX

Styling/ Frontend: HTML/CSS, Bootstrap, and React.js

Frameworks and Build Tools: Play MVC Framework (Java), Maven, and Gradle

ORMs: Hibernate ORM and 4dflib ORM

Awards & Involvement

- Marist Dean's List
- Winner of IBM/ Marist Datathon
- Captain of competitive rock climbing team
- Member of Marist College Computer Science Society