Sam Alcosser

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Experience

Collective Strategies Through Marist College's CCAC Group   **Poughkeepsie, NY**
Research Software Developer   September 2019 – Present
- Building 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 filtering system to allow the user to filter data coming from an accounting database's API through the UI
- Structured and built a logging system to allow the users and technicians to have a clearer picture of the state of processes through the UI and emails
- Working with a team build out a RESTful API based on the Play MVC Framework to allow another software product to connect to our own

P. C. Richard and Son   **Norwalk, CT**
ACE Salesman   May 2019 – August 2019
- Worked with customers to find the technology that would best fit their needs

Projects & Non-Work Experience

Workout Tracker   April 2019 - May 2019
Workout Tracker UI Application
- Organized and created a fully featured workout tracker application
- Created UI for application using Java's Swing UI to allow the user to easily input data
- Implemented the Hibernate ORM in order to easily manage data between the MySQL database and the processes of the application

Team RCF Website   Fall 2016 - March 2017
Website for Local Rock Climbing Team
- Created a website for local rock climbing team to learn the basics of programming
- Designed, structured and implemented a fully functional forum using PHP and MySQL to allow different users to post and reply
- Built frontend components from scratch in order to practice frontend design and development

CUSIAM Python Coding Bootcamp   January 2016 – March 2016
Student Run Python Bootcamp At Columbia University
- Learned how to use Python to build simple programs

Education

Marist College   **Overall GPA: 3.66**
- 5-Year BS/MS Software Development Program
  - **BS in Computer Science** expected May 2022
  - **MS in Software Development** expected May 2023
  - Minors in **Information Technology**, **Information Systems**, and **Cybersecurity**

Skills

- Java, C++, Python, and SQL
- HTML/CSS, JavaScript, and Bootstrap 4
- Play MVC Framework (Java)
- Hibernate ORM
- Git

Awards & Accomplishments

- Dean's List
- Captain of competitive rock climbing team