

Sam Alcosser

[LinkedIn](#) | [GitHub](#) | [Portfolio](#) | samuel.alcosser1@marist.edu | (203) 767-4716

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

[Burnout Predictor](#)

April 2021

1st Place IBM/Marist Datathon Project

- Used a multiple linear regression model in Python to accurately predict the level of burnout in an employee based on three factors

[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

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