Skyler Augustyn Herman

3rd year Software Engineering Student
Enthusiastic Software Engineer seeking a co-op for Summer 2022 (May-August)

Education

Bachelor of Science in Software Engineering
Rochester Institute of Technology   GPA: 3.81
Expected graduation May 2024
Awards: RIT Founders Scholarship, RIT Computing Medal, Dean's List

Work Experience

IOMAXIS Software Engineering Intern (Arlington, VA)
August 2021 - Present
Needed to support a project that required the development of a proxy manager that could communicate over TCP and UDP. Integrated with team quickly. Lead investigation and outlining of issues before development resulting in the design and implementation of a major system's refactor
Tools: Rust, Python, Vagrant, VirtualBox, Gitlab, Confluence, Docker, Git

Course Assistant (Rochester, NY)
August 2020 - August 2021
Graded exams and homework written in Python and Java for 20 students in Software Development & Problem solving 1 & 2 and Introduction to SE. Aided students both in class and during an office hour to answer questions.
Tools: Java, Python

Projects

Course Select
Tasked with creating a full stack project working from the backend built in SQL to a React frontend. Frontend communicated with the backend through a Flask Restful API. Re-engineered the project in multiple iterations as the semester progressed to improve usability.
Tools: Python, SQL, React, Restful API, Reactstrap

WebCheckers
Required to complete implementation of an online checkers game. Worked through the scrum process to create a running web API for a checkers game. Collaborated on a team of 5, held weekly meetings, and presented demos after every sprint. Utilized Java and javascript.
Tools: Java, HTML, Javascript, Scrum

How to Taekwondo
Wanted to learn basic web dev while making a site that would be useful for first time Taekwondo learners, used HTML, CSS, & Bootstrap. Hosted on Github pages at Howtotaekwondo.github.io
Tools: HTML, CSS, Git

Activities

Society of Software Engineers Secretary   *May 2020 – May 2021*
Planned and organized general meeting slides to inform members of weekly updates and events. Constructed comprehensive documentation to keep track of all communication between operations.

RIT Players Communications Officer   *February 2020 – March 2021*
Kept minutes, attendance, handled emails, and maintained communication for the club with over 60 active members

Contact Details

Phone: 973-757-3128
https://skylerherman.com
Email: skyler0herman@gmail.com
Github: sah7829
LinkedIn: /in/skyler-herman

Software Skills

Programming:
Java, Python, Rust, C, C#, SQL, REACT.js, HTML, CSS, REST API

Other:
Git, Gitlab, Vagrant, Docker, Unity, Sony Vegas

Relevant Courses:
Computer Science 1 -Python
Computer Science 2 - Java
Personal SWEN- C
Web Engineering - SQL, REST, React