Skyler Augustyn Herman

4th year Software Engineering Student
Optimistic Software Engineer seeking a co-op for Spring and Summer 2023 (January - August)

Contact Details

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Education

Bachelor of Science in Software Engineering

Rochester Institute of Technology   GPA: 3.7

Expected graduation May 2024
Awards: RIT Founders Scholarship, RIT Computing Medal, Dean's List, Performing Arts Scholar

Skills

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

Tools:
Git, Gitlab, Vagrant, Docker, Kubernetes, Helm, Unity, Sony Vegas, Terraform

Second Languages:
American Sign Language

Relevant Courses:
Computer Science 1 -Python
Computer Science 2 - Java
Personal SWEN- C
Web Engineering - SQL, REST, React
Intro to SE: Agile, Java, Spark
Engineering Of SW Subsystems: Design principles, Java
Process and Project Management

Work Experience

Software Engineering Intern - IOMAXIS - (Arlington, VA)

August 2021 - December 2021 / May 2022 - August 2022

Needed to support a project that required the development of a proxy manager that could communicate over TCP and UDP. Integrated with the team quickly. Lead investigation and outlining of issues before development resulting in the design and implementation of a major system's refactor. On return reintegrated with the team after 2 days. Focused heavily on acceptance criteria including expansion of Kubernetes automation and quality testing.
Tools: Rust, Python, Vagrant, VirtualBox, Gitlab, Confluence, Docker, Terraform, Kubernetes, Helm

Course Assistant - RIT - (Rochester, NY)

August 2020 - May 2022

Aided in reengineering a course specializing in design patterns and principles. Tasked with grading presentations, assignments, and giving feedback on project designs for over 30 students.
Tools: Java, Python, design patterns

Projects

Course Select

Tasked with creating a full stack project working from the backend built in SQL to a React frontend. Constructed a frontend that 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

Certifications

ScaledAgile Certified Safe 5 Agile Software Engineer   *December 2021*

Extracurriculars

RIT Players President   *February 2022 – Present*

Organized responsibilities of other officers and production teams, presided over meetings, and ensured club operations ran smoothly for a club with over 60 active members.

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.