Skyler Augustyn Herman

4th year Software Engineering Student

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Optimistic Software Engineer seeking a co-op for Spring and Summer 2023 (January - August)

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

Education - Certifications

Bachelor of Science in Software Engineering — Rochester Institute of Technology

Expected graduation May 2024   GPA: 3.7

Awards: RIT Founders Scholarship, RIT Computing Medal, Dean's List, Performing Arts Scholar

ScaledAgile Certified Safe 5 Agile Software Engineer   *December 2021*

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 - Rochester Institute of Technology - (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. Analyzed results and effectiveness of the new course syllabus. Additionally recruited to grade another section at the request of the Professor.
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

Extracurriculars

RIT Players President   *February 2022 – Present*

Elected under the platform of increasing club communication. 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. Utilized Trello for itineraries.

Society of Software Engineers Secretary   *May 2020 – May 2021*

Charged with helping to run an organization on campus designed around the educational success of students. 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.