

# 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: 3.71

Expected graduation May 2024

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

## 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. 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

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](https://Howtotaekwondo.github.io)

**Tools:** HTML, CSS, Git

## Extracurriculars

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

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<https://skylerherman.com>

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LinkedIn: [/in/skyler-herman](https://in.linkedin.com/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  
Intro to SE: Agile, Java, Spark  
Engineering Of SW Subsystems:  
Design principles, Java  
SW Process and Project  
Management