

Eric Simonetti

Software Developer Intern

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EDUCATION

Computer Science and Mathematics

State University of New York at Oswego

📅 09/2018 - Ongoing

- Co-op Scholarship Award, Honors student

GPA

3.81 / 4.0

PROJECT BASE COURSES

Software Engineering (380)

📅 09/2019 - 12/2019 📍 SUNY Oswego

Social Media Webapp

- Planned, designed, and programmed a semester long project with two teammates
- Programmed using Java, Angular, HTML, and JavaScript
- Designed the program around IBM's Open Liberty software that utilizes REST protocol

Software Design (480)

📅 01/2021 - Ongoing 📍 SUNY Oswego

Shopping and path optimization Web-app

- Worked with a team of classmates to design and program a market viable product using dev-op and agile development strategies
- Created Micro-service that connects to a database and uses restful web protocols to communicate with the front end
- Implemented a pathfinding algorithm that optimizes the route throughout the store, hitting all selected items

Game Programming Course (455)

📅 01/2020 - 05/2020 📍 SUNY Oswego

Programmed multiple small games and learned conventions on how to code them

- Used the libGDX API, implemented state machines and steering behaviors for complex AI

Compiler Construction (444)

📅 09/2020 - 12/2020 📍 Location

Programmed a Mini-Java compiler from the ground up using Antlr4

- Implemented a recursive decent parser, typing checking a symbol resolution, generation of code, and basic optimization

SKILLS

Java

C++

C

Git

HTML5

CSS

Angular

JavaScript

mongoDB

Problem Solving

Prolog

SQL

Python

RESTful APIs

High Level Mathematics

WORK EXPERIENCE

Lifeguard/Medical staff

Gavin Park Summer Camp

📅 06/2018 - 08/2019 📍 Wilton, NY

Recreational Summer Camp

- Led groups of up to 50 children while providing any medical care
- Worked as a lifeguard on any swimming trips

Cashier

Allerdice Hardware

📅 06/2020 - Ongoing 📍 Saratoga Springs, NY

Hardware Store

- Greeted customers and helped them find the right products for their needs
- Stocked and cleaned store when business was slow

ACHIEVEMENTS



Eagle Scout

Attained the rank of Eagle Scout on January 1st, 2019