Will Anderson

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in willsa github will-a

Seeking Fall 2021 Co-Op Opportunities

EXPERIENCE

Travelers — *Software Engineering Intern*

Remote, June 2021 - Present

- Contributed to the Data Ingestion stream while collaborating with an Agile team of software engineers focused on database modernization.
- Developed an SQL script to check for orphaned rows in the consumer purchases database, ensuring proper service functionality for thousands of customers.
- Integrated the SQL script with a batch script and job scheduler to send out periodic emails to relevant employees about the database status.

NIC Systems Corporation — *Development Intern*

Rocky Hill, Connecticut, May 2019 - August 2019

- Designed, developed, and programmed wastewater remote pump stations for the city of Meriden using RSLogix while collaborating with others to ensure the project moved forward as planned.
- Utilized Excel to generate and sort data requested by colleagues in order to efficiently purchase products from manufacturers.

PROJECTS

TRV-Synthetics — *Hackathon Project*

- Collaborated with six other Travelers employees of various skillsets and value streams to create a modular and scalable framework to run synthetic scripts that ensure customers can properly utilize Travelers services.
- Implemented an Express.JS API/web server to interface with a MongoDB database with no prior Express or JavaScript experience.
- Developed the first script for the framework, written using JavaScript's Puppeteer framework which nobody had any experience with.

Whack-a-Mole — *Class Final Project*

- Designed and developed a multithreaded, networked game of Whack-a-Mole.
- Programmed in Java and used JavaFX, Sockets, and ServerSockets to make a networked, GUI-supported game. Version control managed by Git.

Schedule Bot — *Personal Project*

- Developed a Discord bot written in Python for a personal server to provide transparency of users' availability along with the convenience of entering one's own schedule, ensuring visibility of each other's status.
- Utilized the Discord.py API wrapper to seamlessly send messages and git for version control.
- Implemented message handling functionality and calendar model layer.

EDUCATION

Rochester Institute of Technology

Computer Science BS

Rochester, New York

August 2018 - Present, GPA 3.5

Expected graduation: Fall 2022

SKILLS

Java, Python, Git/GitHub, SQL, C#, C, Linux, Data Structures and Algorithms, Agile

RELEVANT COURSES

Analysis of Algorithms (Java)

Concepts of Parallel and Distributed Systems (C#, threading)

Principles of Data Management (SQL)

Mechanics of Programming (C, git)

Introduction to Software Engineering (Agile, Scrum, Spark, Java)

Introduction to Artificial Intelligence (Java, AI)

Concepts of Computer Systems (MIPS Assembly)

Computer Science I/II (Python, Java)

Probability and Statistics

AWARDS

Dean's List

Xerox Award for Innovation and Information Technology

Rochester Institute of Technology Founder's Scholarship