Triston Lincoln

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Education

Rochester Institute of Technology:

Bachelor of Science in Computer Science, expected December 2024

Minors: Mathematics, and Game Development and Design

GPA: 3.98/4.00

Awards: RIT Outstanding Undergraduate Scholar, Dean's List Fall 2020 - Present

Pertinent Courses: Introduction to Software Engineering, Principles of Data Management, Introduction

to AI, Machine Learning, Analysis of Algorithms, Probability and Statistics I

Skills

Programming Languages: (Proficient) Python, Java, C, C#, C++, Oracle PL/SQL, HTML, CSS,

Javascript; (Familiar) ARM & MIPS Assembly, Bash

Operating Systems: Windows, Ubuntu

Software: Trello, Visual Studio, UIPath, Datagrip, Git, Github, Unity, PL/SQL Developer **Etc:** .NET, .NET MAUI, Azure DevOps, RDBMS, Agile and Scrum, JUnit, and REST APIs

Projects

- Location Guesser Web App: Helped code and deploy a web app that has users guess the location found in a displayed picture, and compares their guesses to other users.
- **Jott Translator**: Aided in creation of a code translator that tokenized, analyzed, and translated simple programs in a fake programming language to Python, Java, and C.
- **Parallel Parking AI**: Used the concepts of reinforcement learning to create a genetic algorithm that allows a simulated car to teach itself to parallel park, coded in Python.
- **Music App:** Helped make a web app where users could search for music, play music, and add music to their collection by creating the DDL/DML required to create and query the Database.

Experience

NYSIF, Student Assistant Albany, NY May 2023 - December 2023, May 2024 - August 2024

- Made significant UI and backend changes to an internal .NET Web Pages application
- Assisted in resolving customer tickets about internal applications
- Assisted in addressing security vulnerabilities for a .NET MAUI Mobile application

Safran Trusted 4D Inc., Intern

Rochester, NY

January 2023 - May 2023

 Used python, pytest, and in-house modules to create automated test scripts for a product's REST API

Regeneron Pharmaceuticals, QA Validation Intern Rensselaer, NY

May 2022 - August 2022

• Created a training presentation on a production machine

OMNIS Computers, Intern

Schenectady, NY

June 2021 - August 2021

- Reviewed network and systems of clients to ensure best practices
- Helped set up users of the Microsoft 365 ecosystem

Activities

RIT Game Symphony Orchestra, Instrumentalist RIT Math Department, Advanced Linear Algebra Grader Spring 2022 - present Spring 2024