

Triston Lincoln

Averill Park, NY 12018 • (518) 618-8636 • trl6895@rit.edu • <https://github.com/trl6895>

Education

Rochester Institute of Technology:

Bachelor of Science in Computer Science, expected May 2025

Minor in Mathematics, Minor in Game Development and Design

GPA: 3.98/4.00

Awards: RIT Outstanding Undergraduate Scholar, Dean's List Fall 2020 - Present, Lockheed Martin STEM Scholarship

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++, SQL, Oracle PL/SQL, HTML, CSS, Javascript; (Familiar) ARM & MIPS Assembly, C, Angular, Bash

Operating Systems: Windows, UNIX

Software: Trello, Visual Studio, VS Code, Datagrip, Git, Github, Unity, PL/SQL Developer

Etc: Experience with .NET, Agile and Scrum methodologies, JUnit, and a working knowledge of REST

Projects

- **Discord Bot:** Creating a discord bot with the discord.js framework. Currently has the ability to respond to user messages with given responses and gifs
- **Maze Solver Project:** Used C and concepts such as dynamic memory allocation and abstract data types to create a program that solved a given input maze
- **Parallel Parking AI:** Use 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:** Aided in creation of a web application that allowed users to 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

Made significant UI and backend changes to an internal .NET Web Pages application, according to the requirements given by business users. Also assisted in updating other database procedures, as well as assisting in addressing tickets.

Safran Trusted 4D Inc., Intern

Rochester, NY

January 2023 - May 2023

Using 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

Assisted in the development of a new facility by creating a presentation on one of the machines that is pertinent to operations that will be used for training.

Gave a successful overview of the presentation to the QA Validation department.

OMNIS Computers, Intern

Schenectady, NY

June 2021 - August 2021

Reviewed network and systems of clients to ensure best practices, as well as help set up users of the Microsoft 365 ecosystem

Volunteering/Activities

St. Michael's Church

Troy, NY

2016 - present

Camp counselor, landscaping and gardening on the church grounds

RIT Game Symphony Orchestra, Instrumentalist

RIT Intramural Volleyball, Player