Connor Majewski

(716) 498-6067 • cmajews2@gmail.com

EDUCATION

University of Rochester   **Rochester, NY**
Bachelor's Degree, Computer Science   *May 2024*

SKILLS

- Programming experience in C/C++ and Python.
- Experience with GUI design using Tkinter and customtkinter libraries.
- Experience with HTML/CSS, JavaScript, and Flask and Django frameworks.
- Experience with database design and implementation using SQL.
- Experience with project source control using Git.
- Experience with Linux command line, bash scripting.

EXPERIENCE

Freelance - ModelManager
https://github.com/connormajewski/ModelManager   **Wellsville, NY**
                                                                                                              February 2025 – Present
- Designing and developing a Python desktop application for management of a collection of 4,300 scale models valued at $140,000.
- Used Python to aid in manual collection and cleaning of thousands of model entries..
- Converted complete dataset into a SQLite database file to be used by the application.
- Used Tkinter library to create a GUI app for client to easily find, sort, and export groupings of models for appraisals and sales.
- Wrote an Ebay API helper library using requests to allow listings to be created directly from the app.

Transformational Security, LLC   **Columbia, MD**
RF Production Intern   *May 2023 – August 2023*
                                                                                                        May 2022 – August 2022
- Assembled proprietary radio frequency (RF) hardware in a security-controlled, government contracting lab facility.
- Calibrated and tested highly-precise, high-value RF spectrum scanners while thoroughly recording the processes and findings per internal guidelines.

PROJECTS

Mono Audio File Editor   **March 2024– July 2024**
https://github.com/connormajewski/Command-Line-Mono-Audio-File-Editor
- Designed a C command-line program for manipulation of mono audio files using the libsndfile library.
- User can load in a file and make changes to the file across a time range, as well as display a simple representation of the waveform directly to the console.

SELECTED COURSEWORK

Data Structures and Algorithms	Computation and Formal Systems	Computer Organization
Computer Security	Computer Networks	Discrete Math
Calculus I & II	Database Systems	Web Programming

Databases   **January 2024 – May 2024**
- Designed a mock database to simulate a storefront over the course of a semester using best-practice principles.
- Wrote a web interface to interact with the database using HTML/CSS and JavaScript for the frontend, and MySQL and PHP for the backend.