Aidan Mellin

Computer Science Major

aidan.mellin@gmail.com   aidanMellin.github.io (443)-769-2362

About Me

Technical Skills Python, Java, Agile, C/C++, C#, SQL, HTML, CSS, JavaScript, Git, Bash Scripting, Selenium, Matlab

Art Technology Adobe Suite (Photoshop, Illustrator, Premiere Pro), Microsoft Suite (PowerPoint, Word, Excel)

Interests   Programming, Video Editing, Reading, Ultimate Frisbee, Video Games

Work Experience

Eagleview Technologies
Full Stack Software Engineer Co-Op   Rochester, NY (January 2022 – August 2022)
- Worked within a small agile team to develop innovative solutions for managing data captured by aerial imaging
- Completed assigned tasks through scalable cloud-based applications and services, container orchestration, and web-based/desktop applications
- Created and managed internal and forward-facing tools and software to manipulate and view data

RIT ITS Support
Senior Technician   Rochester, NY (February 2020 - Present)
- Oversee a small team to manage technology deployed on RIT Campus
- Provided excellent customer service while executing on-the-go troubleshooting both in-person and via phone
- Qualifications: Administrative Access, Advanced Hardware Support, Liquid Damage Repair, Dell Tech Direct

Personal Projects

Word Hy-Phen-Ation   (Present)
- Researched methods of implementing artificially intelligent method of separating words based on how many syllables they are worth
- Used Frank Liang's Stanford Thesis on developing backtracking tree in order to "guess" values of words using sophisticated graphs and algorithms.
- Plans to implement this code into a word-processing bot that can confidently turn input text into varieties of poem and literature styles (i.e. haikus)

aidanMellin.github.io   (September 2021)
- Researched UX Designs to best provide a visual representation of some skill and provide a front-facing website to show to the public
- Utilized newly acquired JS skills in order to best present the website in a user-friendly manner
- Established a routine Blog / Devlog in which to document progress in various progressions.

Personal Discord Bot   (October 2020)
- Utilized Python with Discord's public API to program various daily tasks for both myself and peers to increase quality of life during a time where most students were being educated online
- Researched and implemented various methods of file manipulation to aid in daily automation of necessary tasks
- Implemented AI Bot with a primary purpose of completing a daily health screen test and automatically scheduling weekly COVID Tests on RIT Campus

Education

Rochester Institute of Technology   Rochester, NY (2019-2024)

- Bachelor of Science (Computer Science) [In Progress]