Edward Wynman

Software Engineer looking to make a difference by creating impact at global scale.
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https://github.com/Ewynman | https://www.linkedin.com/in/edward-wynman/ | http://www.meeteddie.tech/

WORK EXPERIENCE

NASA New Jersey Space Grant Consortium Research Assistant   **Sept 2022 – Present**

- Investigate the development of data access and processing workflows for hyperspectral images
- Utilized Python libraries such as Spectral Python and SQLite to access and process data within the application, allowing users to efficiently analyze and interpret the data. The application also includes a progress bar that displays the status of file downloads and other tasks within the application, ensuring smooth and efficient usage.
- Developed a graphical user interface using PyQt5 for a hyperspectral software application that allows users to access, analyze, and visualize data from various sources, including the USGS database.

Software Engineer Intern, ISC Industries   **Jun 2022 – Aug 2022**

- Utilized Python to develop scripts for data analysis and movement within the company database
- Created Python scripts to automate the transfer of files and directories for new items in the database
- Collaborated with SQL to create queries for storing company data, enabling efficient access and retrieval through Python scripts for customer use

SKILLS

Programming Languages: Java, HTML, CSS, PHP, R, Python, C, Bash, SQL, JavaScript, Node.JS
Technologies: Git, GitHub, Bootstrap and Linux

EDUCATION

Bachelor of Science - BS, Computer Science, Montclair State University   **Dec 2023**

- **GPA:** 3.50/4.0
- **Activities:** Computer Club President

Master of Science - MS, Computer Science, Montclair State University   **Dec 2024**

PROJECTS

- **Personal Portfolio Website –** Utilized a strong understanding of HTML, CSS, and JavaScript to create a professional and effective personal portfolio. Displays projects, work experience, social links, and contact information. View at: http://www.meeteddie.tech/
- **Web Developer, MSU Computer Club Website -** Developed & Deployed MSUCC's website to be maintainable and user-friendly using HTML, CSS, and JavaScript. Displays the current schedule and photos for the club as well as basic contact information. View At: https://msucomputerclub.github.io/
- **T&J Apparel –** Created a CRUDE online ecommerce website in a group of two using PHP, HTML, CSS< JavaScript, and MySQL. Implemented both User, Seller, and Admin capabilities. Users can browse and purchase products ad view past orders. Sellers can view their sales and post products to sell. Admins can search, modify, and delete user records. View Here: https://github.com/Ewynman/T-JApprel

Clubs and Activities

Computer Club President, Montclair State University   **June 2022 - Present**

- Responsible for programming events for 150+ members. I spearhead all meetings and have held several tech workshops some of which include Making Twitter Bots with the Twitter API with Python, Making Pong with Python, How to Develop & Deploy website, and many more.