Mayur Suresh

610-864-6804 | suresh.mayur.2002@gmail.com | linkedin.com/in/mayur-suresh/ | maysur.github.io/Resume/index.htm

EDUCATION

West Chester University of Pennsylvania   West Chester, PA
Bachelor of Science in Computer Science   *September 2020 - May 2023*

EXPERIENCE

West Chester Programming Contest Judge   March 2023 - April 2023
West Chester University of Pennsylvania   *West Chester, PA*
- Repository: github.com/MaySur/WCPC
- Organized and led the Python section of the beginner to intermediate programming competition.
- Developed programming challenges and evaluated solutions to assess participants' skills and progress.
- Collaborated with other section leads to ensure a smooth and successful competition experience for all participants.

PROJECTS

Source Scan | *Python, Flask, Redis, Docker, Kubernetes, Reddit API, Git*   August 2021 - December 2021
- Collaborated with other students to plan and implement the Source Scan web application
- It utilizes a python based Reddit API worker that scans selected subreddits based on key words submitted by the user,and stores its findings in a redis database.
- JavaScript and HTML is used to build the web page. Flask Library is used in connection with the WebUI and the python worker.
- Repository: github.com/MaySuresh/Source-Scans
- More Detailed explanation: maysur.github.io/Resume/project1.html

A.I. with Unreal Engine | *Unreal Engine, OpenAI API, Version Control, Git*   January 2023 - Present
- Develop AI models that can navigate through an Unreal Engine 5 environment
- Utilize R* and OpenAI API algorithms for generating optimal paths and decision-making respectively
- Gather training data through simulations and real-life scenarios for effective model training
- Test and validate the AI models' performance and effectiveness in different scenarios and under various conditions.
- Repository: github.com/colbyg118/csc-490-unreal
- More Detailed explanation: maysur.github.io/Resume/project2.html

A.I. Simple Answer Application | *Python, Flask, OpenAI API, Git*   April 2023
- Developed a Flask-based web application
- Incorporated OpenAI API to build a question and answer application
- Conducted testing on individual engines and compared resulting answers
- Repository: github.com/MaySur/openAiSample1
- More Detailed explanation: maysur.github.io/Resume/project3.html

ACHIEVEMENTS

- Harvard X - Programming with Python Certification
- Harvard X - A.I. with Python; Web Development with Python
- Harvard X - A.I. with Python; Web Development with Python
- West Chester University - Computer Security Certificate
- West Chester University - Dean's List; Fall 2021

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, SQL, C/C++, Assembly Language, Socket Programming
Web Dev: HTML, CSS, Bootstrap, Flask(Python Library), Django Web server, SQLite Database, React.js
Developer Tools: Ubuntu/Linux, GitHub (github.com/MaySuresh), Git, PowerShell, VSCode, Eclipse, Docker, Jenkins, Kubernetes, Excel, PowerPoint, Anaconda(Python), GNU Debugger, Wireshark
APIs: Reddit API, OpenAI API, Spotify API