

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

TECHNICAL SKILLS

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

ACHIEVEMENTS

- Harvard X - Programming with Python Certification June/July 2022
- Harvard X - A.I. with Python; Web Development with Python July 2022 to Present
- West Chester University - Computer Security Certificate September 2020 - Present
- West Chester University - Dean's List August 2021 - December 2021

PROJECTS *Front-end Developer*, Source Scan August 2021 - December 2021

- Collaborate 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.
- <https://github.com/MaySuresh/Group-8>

Developer, Artificial Intelligence Model with Unreal Engine 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.

EXPERIENCE *WCPC Judge (Python Section Lead)* March 2023 - April 2023

- West Chester University Programming Contest Judge
- 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.