Keerthana Sri Muthuraman

https://www.linkedin.com/in/keerthana-sri-muthuraman-50271b216 | https://github.com/KeerthanaSriM | kmuthura@asu.edu | 602-725-4949

EDUCATION

BS Computer Science & Minor in Data Science - Junior   **Expected May 2026**
Arizona State University   **Tempe, AZ**
Made the Dean's List for Spring '23, Fall '23 & Spring '24, New American University Scholar
Cumulative GPA : 3.59 / 4.0

TECHNICAL SKILLS

- Java, C#, C, C++, Python, Ruby, Swift, NumPy, Pandas, Tableau, Verilog, MySQL, RStudio, HTML, CSS, JavaScript, PHP, Vue.js, React.js, Angular, Vue.js, Node.js, Git, GitHub, MATLAB, MS Office

EXPERIENCE

Student Researcher at Rolston Lab, ASU   **July 2024 - Present**
- Developing and implementing machine learning algorithms to enhance battery testing processes.
- Collaborating with the software team to integrate ML solutions, improving the efficiency and accuracy of data analysis.

Web Develpment Intern at Prodigy Infotech   **July 2024 - Present**
- Developing an interactive Tic-Tac-Toe web app with HTML, CSS, and JavaScript, featuring user clicks, game state tracking, win condition checks, and options to play against other users or an AI.
- Currently developing a personal portfolio website to showcase skills and projects using web development techniques.

Internship on PLC Control Panel   **June 2023 - July 2023**
- Gained experience with the Vapour Absorption Machine system and career-specific procedures.
- Participated in client meetings and team discussions, offering feedback.

PROJECTS

Movie Recommendation System   **January 2024 - June 2024**
- Developed popularity, content and collaborative-based recommender systems using Python.
- Applied machine learning and NLP techniques for accurate movie recommendations.

Synchronous Sequential Machine-Capstone   **November 2023 - December 2023**
- Creation of a microprocessor using Digital and Verilog
- Implemented the Finite State Machines using state diagrams and transition tables.

Automated Car Implementation   **October 2022 - December 2022**
- Used BrickLink for the designing and RoboSIM for the implementation of the designed car

CERTIFICATIONS

- Data Science and Machine Learning Internship Program - Edureka
- Mobile App Development - Android App Development for Beginners - Simplilearn (Skillup)

EXTRA CURRICULAR ACTIVITIES

Women in Computer Science,, *Club Member*   **November 2023 - Present**
- Grace Hopper Celebration, 2024