Adarsha Kiran Khadka

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Education

Missouri State University - Springfield, MO   Expected Dec 2024

Bachelor's of Natural and Applied Science
Major in Computer Science, Minor in Mathematic
Cumulative GPA: 3.88/4.0.

Awards & Honors:

- Dean's List 2021 ,2022, 2023
- 3rd in ACM Programming competition organized by Bears in Tech, Spring 2023
- 1st in ACM programming competition organized by Bears in Tech, Spring 2022

Relevant Coursework:

Data Structure, Advance Data Structure and Algorithm, Database, Operating System, Intro to Secure computing
Mobile application development and Software engineering.

Technical Skills

Git: Proficient in version control, branching, merging, and conflict resolution.
Postman: Experienced in creating and executing API requests, creating collections, and testing API endpoint
Docker: Skilled in containerization and deployment of applications.
Python: Highly skilled in python programming language and its frameworks such as Django.
JavaScript: Experienced in front-end web development.
SQL: Skilled in writing queries and working with relational databases.
C++, C#: Highly experienced in coding in C++ and C#.
React :Skilled in crafting responsive and interactive user interfaces with React.

Relevant Experience

Access Technology Center - Missouri State University   02/14/2022- present

Student Worker

- Developed accessible books for students with disabilities using a variety of tools and software.
- Conducted user testing and gathering feedback to improve the accessibility of the books.
- Helped establish accessibility policies and procedures for Access Technology Center's materials and services.

Personal Project

Full stack .Net MVC Application

- Conceptualized, designed, and developed a dynamic food truck tracking and delivery application using .NET and PostgreSQL.
- Integrated the Leaflet.js along with OpenStreetMap to provide real-time mapping for the food delivery.

Tetris

- Independently designed and developed a classic Tetris game, leveraging Unity and C#.
- Implemented core mechanics including block movement, rotation, and line clearing, while optimizing gameplay for smooth user experience.
- Utilized object-oriented programming principles to ensure scalable, modular, and maintainable codebase.

Certifications

- Machine Learning Specialization from DeepLearning.AI (Coursera, 2023)