

Anand Kadam

anandkadam19@outlook.com / 07787803131 / Cardiff, UK (Ready to relocate)

Summary

Dedicated and highly motivated computer science graduate with a Master's degree, eager to contribute technical expertise and knowledge gained through coursework and projects. Seeking a full-time opportunity to apply skills in Python, front-end, and MySQL for impactful contributions in a dynamic team environment. Spearheaded the development of a 3D prototype using advanced technologies like WebXR, A-Frame, and Globe.gl for immersive analytics in geospatial data visualization. Led the successful implementation of the Breadth-First Search algorithm for maze solving, enhancing overall efficiency. Eager to contribute to innovative solutions while continually learning and growing in a professional setting.

Experience

Immersive Analytics for Geospatial Visualisation

University Dissertation Project

- Explored the evolution of immersive analytics and its applications in geospatial data visualization.
- Developed a 3D prototype using advanced technologies like WebXR, A-Frame, and Globe.gl.
- Conducted user evaluations with Microsoft HoloLens 2 for AR data display.
- Enhanced skills in data visualization and data interpretation.
- Led research highlighting the transformation from 2D to 3D visualization using augmented reality (AR) and virtual reality (VR) technology.

Maze Searching

Academic Project

- Developed Python code to implement the BFS algorithm, managing enqueued and dequeued lists for efficient maze solving.
 - Applied the Breadth-First Search (BFS) algorithm to navigate and solve three maze types: Hampton Court Maze, Chevening House Maze, and a randomly generated maze.
 - Converted maze structures into graph data, identifying the shortest path from start to finish using BFS.
 - Designed an interactive user interface enabling users to select, customize, and explore different maze types with Python's Turtle module.
-

Skills

- Python, MySQL
 - HTML, CSS, and Javascript
 - Visual Studio, Tableau, Github
 - Teamwork, Problem-Solving, Analytical
-

Portfolio

Digital Portfolio: <https://mrtownboy.github.io/portfolio/> to see the exciting work and learn about potential contributions to the team.

Education

MSc in Computing

Bangor University • Bangor, United Kingdom

09/2023

Learned foundational computer science principles and gained practical skills through the MSc in Computing program, fostering ethical and professional growth. Front-end technologies (HTML, JS, and CSS), Python, and MySQL.

Bachelor's in Computer Applications

Dr. B.A.M.U • Aurangabad, India

08/2021

Obtained a comprehensive education in computer applications during my Bachelor's degree, equipping me with a strong foundation in IT fundamentals.

Hobbies

Volunteering, Learning new things, and traveling