Bibek Wagle

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Website: bibekwagle19.github.io/My-Portfolio

Education

University of Texas at Arlington Expected Graduation: Spring 2025
Bachelor in Computer Science GPA: 3.6/4
Relevant Coursework: Machine Learning, Artificial Intelligence, Database, Software Engineering, Algorithm and Data structure

Skills

Programming Languages: Python, R, MySQL, Java, C++, C, Javascript
Tools & Technologies: Power BI, Excel, Tableau, NumPy, Matplotlib, Scikit-learn, TensorFlow, Pandas, HTML, CSS, Git, JIRA

Projects

Portfolio Website

- **D**esigned and developed a fully responsive personal portfolio using HTML, CSS, and JavaScript.
- **I**mplemented smooth animations and an interactive user interface to enhance user engagement and provide an intuitive browsing experience.

Doctoral Database

- **D**eveloped a MySQL database to manage PhD students, instructors, and grants. Designed relational schemas and executed complex SQL queries for insights.
- **I**ntegrated the system with PHP, HTML, and CSS for a smooth user interface, ensuring data integrity and optimized performance.

Word Search problem

- **D**eveloped a dynamic multiplayer word search game supporting 2-5 player modes, implementing real-time chat and live scoreboard updates to enhance user interaction
- **O**ptimized game logic for efficient word selection and scoring, ensuring a seamless gaming experience. Enabled smooth game recovery after player disconnections to maintain uninterrupted gameplay.

Neural Network Classification

- **D**eveloped and tested neural networks using Keras to classify data from UCI datasets.
- **A**pplied data normalization, configured fully connected layers with sigmoid activation, and utilized the Adam optimizer.

Certifications

The Ultimate MySQL Bootcamp -Udemy, 2023
Mastering Data Structures Algorithms using C and C++ -Udemy, 2023

Experience

Data Entry Clerk Jan 2019 - July,2021
-Description: Worked as a data entry clerk at Akala Badniya Bank