

Bidhan Khadka

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EDUCATION

University of Texas at Arlington

Bachelor of Science in Computer Science, Minor in Data Science

Awards: Maveric Academic Scholar

Arlington, TX

Aug 2023 - Present

Aug 2023 - Present

SKILLS

Languages: Python, Java, C/C++, JavaScript, SQL, HTML/CSS

Web & Frameworks: ReactJS, Node.js, Express.js, Tailwind, MongoDB, RESTful APIs

Developer Tools: Git, GitHub, VS Code, Eclipse, Linux, Postman, Jupyter

Python Libraries: NumPy, Pandas, Matplotlib, TensorFlow

Other Skills: Technical Writing, Research, Team Collaboration, Project Planning, Presentations

COURSEWORK

- Data Structures & Algorithms
- Object-Oriented Programming
- Assembly Language Programming
- Theoretical Concepts
- Intermediate Programming
- Calculus III

WORK EXPERIENCE

PLTL Leader

UTA Student Success

May 2024 - Present

Arlington, TX

- Facilitated weekly sessions for 16+ students, enhancing comprehension of core Pre-Calculus concepts
- Improved student understanding by helping them through tailored session plans each week to align with the classes
- Designed interactive problem sets and collaborative exercises aligned with course curriculum.
- Supported students throughout the semester, contributing to improved test scores and engagement.

PROJECTS

Workout Progress Tracker | [GitHub Link](#)

- Developed a responsive fitness app allowing users to log workouts with real-time updates using RESTful APIs
- Used MERN stack (MongoDB, Express, React, Node.js) with CRUD operations
- Implemented RESTful APIs for communication between the front-end and back-end

AI Chat with Different AI Personalities | [GitHub Link](#)

- Built an AI app using the Gemini API
- Implemented a dynamic personality system where the AI adapts its tone and style depending on the user's choice
- Built and deployed using React and Node.js

Flappy Bird Clone | [GitHub Link](#)

- Built and recreated the classic Flappy Bird game using Java, using OOP principles
- Implemented collision detection, event-driven programming, and multithreading
- Utilized Java Swing for the GUI and implemented frame animations

LEADERSHIP AND INVOLVEMENT

Honors College

University of Texas at Arlington

Aug 2023 - Present

Arlington, TX

- Engaged in programs hosted by the honors college to foster interpersonal and networking skills

Nepalese Student Association at UTA

General Member

Aug 2023 - Aug 2024

Arlington, TX

- Participated in regular meetings fostering collaboration and bonding between fellow Nepalese Students