Anjali Gupta

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Summary

Highly motivated software developer with a strong foundation in computer science. Proficient in C++, Python, Java, and JavaScript. Experienced in building innovative solutions and collaborating in team environments. Seeking a Software developer intern role in a dynamic tech company.

Experience/ Projects

Unified Mentor | Incoming Winter Full-Stack Developer Intern   **December 2024**

University of Wisconsin - Whitewater | Tutor (Introduction to C++, Python)   **January 2024 – Present**

- Conducted personalized tutoring sessions for undergraduate students, focusing on C++ and Python programming languages, resulting in a 95% satisfaction rate and noticeable improvements in understanding and grades.
- Collaborated with faculty to develop supplementary learning materials and practice exercises, contributing to a 15% increase in student engagement and participation in class activities.
- Gained strong analytical skills and familiarity with probability and statistics.

Imbed Biosciences | IT / Data Science intern   **June 2024 - Present**

- Enhanced data analysis techniques using Python and SQL, perfecting product recommendation algorithms, and driving a 20% increase in sales revenue.
- Providing technical support to employees troubleshooting hardware and software issues and ensuring a 99% uptime rate.
- Developed effective communication skills in a collaborative, complex, and highly technical team environment.

Minesweeper game | C++

- Created a Minesweeper game in C++ that runs in the console, handling board generation, player input, and game rules like revealing tiles and managing bombs.
- Utilized object-oriented design to organize the game into modular components (board, tiles, game controller), making it easier to support and extend in the future.

Photo - Editor | Python

- Developed a Python-based photo editor application using PIL (Python Imaging Library) for core image processing tasks, including features like image resizing and transformations like rotation and cropping.
- Designed with a user-friendly interface for intuitive navigation and working on integrated batch processing capabilities for efficient editing of multiple images.

Portfolio Website | HTML, CSS, JavaScript

- Planned and developed a responsive portfolio website using HTML, CSS, and JavaScript, highlighting projects, skills, and contact information to effectively present professional capabilities. Implemented interactive elements and animations to enhance user engagement and navigation, ensuring a seamless and visually appealing browsing experience.

Education

University of Wisconsin- Whitewater – Bachelor's in Computer Science   **Fall 2023-present**

- GPA- 3.89, Dean's List (Fall 23, Spring 24)
- Relevant Coursework: Discrete Structures, Data Structures and algorithms, Computer organization and assembly programming, Object oriented programming.

Skills

- **Frontend Development**: JavaScript, HTML5, CSS
- **Backend Development**: C++, Python, Java, SQL, C#, Node.js
- **Frameworks and Libraries**: PIL, Flask, React, Git