

Abhishek Sharma

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EDUCATION

Bachelor of Science in Computer Science

Expected Graduation: **April 2025**

Bachelor of Science in Mathematics

Columbia College | Columbia, Missouri

Relevant Coursework: Data Structures and Algorithms, Calculus II, Discrete Maths II, Statistics

TECHNICAL SKILLS

C++ (Advanced), Python (Advanced) | Java (Intermediate) | C# (Intermediate) | SQL | React | MongoDB | R | Linux

PROFESSIONAL EXPERIENCE

End Support User | *Columbia College* | Columbia, Missouri

February 2022 – Present

- Test and repair computer hardware such as desktops, laptops, and monitors
- Personalize computers according to the faculty and staff needs
- Image and install software programs according to requirements
- Setup and prepare workstations for new employees and IT support across the campus

Online Instructor | *iD Tech* | Campbell, California

June 2022 - December 2023

- Led engaging online sessions with customized curricula to match individual student objectives.
- Developed and implemented coding projects to advance the learning experience.
- Engaged in collaborative efforts with fellow instructors to foster a dynamic learning community.
- Researched and integrated cutting-edge technologies, such as AI and machine learning, into instructional practices.

Online Operations | *GR MANPOWER* | Kathmandu, Nepal

Summer 2021

- Implemented and managed effective SEO strategies to enhance online visibility and drive organic traffic.
- Designed and maintained a visually appealing website, ensuring a seamless online experience.
- Assisted in office operations, handling administrative tasks, scheduling, and communication to support overall efficiency.
- Implemented innovative customer feedback mechanisms, resulting in a 35% increase in feedback collection.

PROJECTS

FlappyBird AI

- Created a 2D game with Pygame, integrating AI using the neat library for neural network-based character control.

QuadTree

- Implemented a streamlined Quadtree with collision detection in C++ for spatial organization. Optimized entity management, reducing collision checks for improved performance.

Kachow

- Created a dynamic car sales website using JavaScript and PHP, showcasing web development and design skills as well as database management. Created interactive features for a realistic user experience.