

Jigyas Sharma

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Education

UNIVERSITY OF KANSAS

Lawrence, KS

Master of Science, Computer Science. GPA: 4.0

Relevant Coursework: Machine Learning Algorithms, Scientific Computing, Cyber Security

May 2025

UNIVERSITY OF KANSAS

Lawrence, KS

Bachelor of Science, Computer Science. GPA: 3.6

Relevant Coursework: Compiler Construction, Artificial Intelligence, Operating Systems

May 2023

Experience

UNIVERSITY OF KANSAS

Lawrence, KS

Graduate Teaching Assistant

August 2023-Present

- Mentor 128 students in Operating Systems class, facilitating discussions and providing assignment guidance.
- Enhance Operating Systems course through the development of hands-on labs and coding challenges.
- Demonstrate expertise in guiding students through complex OS concepts and programming issues, fostering problem-solving and debugging skills.

KU INFORMATION TECHNOLOGY

Lawrence, KS

IT Student Technician

August 2022-August 2023

- Provided technical support and assistance to university staff and students, resolving hardware and software issues promptly to ensure smooth operation of computer systems and networks.
- Demonstrated strong analytical skills in diagnosing and resolving technical problems, contributing to the efficient maintenance and functionality of IT infrastructure.
- Worked effectively with a diverse team of IT professionals, participating in projects, sharing knowledge, and actively contributing to the team's success in delivering exceptional IT services to the university community.

3M INDIA

Bangalore, India

SWE SUMMER INTERN

April 2019-August 2019

- Completed a summer internship at 3M India, actively participating in Agile development strategies with a cross-functional team, gaining valuable experience in the iterative and collaborative software development approach.
- Utilized C++ and Python predominantly for backend development, successfully implementing and optimizing software solutions that contributed to the efficiency and performance of key projects.
- Contributed to the creation of a software module for optimizing data analysis using Python and SQL, enhancing data processing efficiency by 30% and receiving positive feedback for delivering high-quality, well-documented code.

UNIVERSITY OF KANSAS

Lawrence, KS

Resident Assistant

August 2020-August 2022

- Communicated and collaborated with 200 residents, staff, and university personnel, developing effective teamwork skills for conflict resolution and problem-solving.
- Managed on-campus challenges for a resident population of 200, demonstrating adaptability and creative problem-solving abilities.
- Provided leadership and support to 200 residents, enforcing policies, and organizing community-building events, showcasing reliability and accountability in a dynamic residential setting.

Skills & Interests

Technical: C++, Python, PHP, Kotlin, Swift, JavaScript, React Native, HTML/CSS, R, UNIX Systems, Agile Strategy

Language: English, Hindi

Clubs and Associations: KU Artificial Intelligence Organization (Programming Member), KU Esports Team (Captain), KU Cyber Security Club (Member)

Interests: Hackathons, Machine Learning, Robotics, Personal Software Projects, Game Development Algorithms

Projects: Movie Recommendation System (Python and R), Compiler Construction (C++), Grocer (React Native, Python and JavaScript), Restaurant Management System (SQL and PHP), Climate Change Analysis (Python and R), League of Cards (JavaScript and React)