

Isha Rijal

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EDUCATION

School of Computing and Analytics; Bachelor's in Computer Information Technology (Computer Science Minor);
Northern Kentucky University, KY, Fall 2025 (GPA :3.85)

SKILLS & TOOLS

Languages: Java, Python **Web Development:** HTML, CSS, JavaScript

Tools: Visual Studio, Windows Administration, Linux Operating System, UNIX Operating System

COMPUTER SCIENCE PROJECTS

Simulating ATM banking program: Object -oriented programing (Java) | Spring 2023

- Developed a comprehensive ATM banking simulation program using Java implementing key features, including account creation, deposit, withdrawal, and receipt generation.
- Designed a user-friendly interface for easy interaction and navigation, integrated simple currency conversion functionality to support international transactions.

Re-designing and Re-developing the existing websites: html, CSS, JavaScript | Spring 2022

- Led the redesign and redevelopment of existing websites, enhancing both functionality and aesthetics.
- Introduced innovative features to improve user engagement and interaction.
- Developed and implemented a cohesive sound and visual theme throughout the sites, aligning with brand objectives.
- Ensured responsive design to optimize user experience across various devices and screen sizes.

"CODE in Place" Program, Stanford University - Online | Spring 2020

- Successfully completed the "CODE in Place" program during the COVID-19 pandemic, achieving proficiency in Python through coursework, hands-on projects, and active collaboration within a large online student community.

Others:

KCV (Kentucky Commercialization Ventures) | Spring 2023

- Active participation in KCV program, an immersive entrepreneurship initiative, involving collaboration with diverse teams to strategize and commercialize innovative technologies.
- Developed strong business acumen through workshops, seminars, and hands-on experience in market analysis, feasibility studies, and research-based project evaluation.

WORK EXPERIENCE

Research Assistance, College of Computing and Analytics | Fall 2023

- Supported research projects through literature reviews, data collection, analysis, and close collaboration with Dr. Ankur Chattopadhyaya to design experiments and develop research methodologies.

Teaching Assistance, College of Computing and Analytics (Course: Introduction to Computer Networking) | Spring 2023 - Current

- Supported professor in grading, teaching, and tutoring for classes of varying sizes (24 students in Spring '23, 81 students in Fall '23), demonstrating expertise in computer networking principles, protocols, and technologies, and providing hands-on guidance for network device configuration and troubleshooting.

Student Desk Assistant, University Housing, Highland Heights, KY | November 2021 – Current

- Provided exceptional support to students and visitors with a friendly and welcoming demeanor, leading to higher satisfaction and feedback, and played a key role in managing the residential community and overseeing student mail services.

Sales Associate, Barnes & Noble College Bookseller, Nunn Drive KY | August 2021 – November 2022

- Provided customer service, including product selection, purchases, book check-in/check-out, and issue resolution, while consistently surpassing monthly sales goals by 20%. Collaborated effectively with colleagues to ensure seamless store operations during peak periods

AWARDS & INVOLVEMENT

College of Informatics – Northern Kentucky University -President's Honors List - Spring 2023, Spring 2022

Northern Kentucky University, Edge Award

Northern Kentucky University, International Merit Scholarship

Northern Kentucky University, Jackman and Ratliff Award

Volunteer, Vex VRC Robotics Tournament (organized by NUKE Robotics club) February 2023

Membership Lead:

- Norse IOT Club, Northern Kentucky University | **Spring 2023**
- Presidential Ambassador, Northern Kentucky University | **Fall 2022**
- Women In Informatics, Northern Kentucky University | **Spring 2022**