

Bipran Rimal

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EDUCATION

Bachelors of Science in Cybersecurity

Expected Graduation, May 2029

University of Cincinnati

Cincinnati, Ohio

- **Concentrations:** Cybersecurity and Computer Networking
- **Relevant Coursework:** Networking and Security, Database Management, System Administration, Web Development, Interactive Digital Media and Design Technology
- **GPA:** 4.0

EXPERIENCE

Desk Assistant

January 2025- Current

University of Cincinnati Housing

Cincinnati, Ohio

- Oversaw critical front desk operations, ensuring seamless coordination with IT and Facilities for swift issue resolution.

IT Infrastructure & Systems Administrator Assistant

December 2023 – August 2024

The Hotel Milestone

Kathmandu, Nepal

- Resolved over 85% of hardware and software issues as measured by improved system performance and reduced downtime, by diagnosing failures, troubleshooting technical problems, and optimizing IT infrastructure.
- Monitored devices and network activity to maintain system integrity, applied troubleshooting and cybersecurity principles—including threat assessment and mitigation—to strengthen infrastructure and enhance operational security.

Assistant Developer and Designer

August – November 2023

The Hotel Milestone

Kathmandu, Nepal

- Designed and developed a fully functional website prototype, optimizing user experience and reducing overall project costs by 14% through effective design and implementation strategies, showcasing proficiency in using tools like Figma for professional prototyping.
- Demonstrated strong programming expertise by actively contributing to the team's success through advanced skills in HTML, CSS, JavaScript, SQL and Python ensuring efficient development and seamless user experiences

PROJECTS

UC Connect

February 2025 - Now

Initiator, Programmer and Designer

Cincinnati, Ohio

- Developing a project to bridge the gap between different majors at the university, fostering a startup culture and projecting significant impact, with 1 in 10 students expected to benefit.

Nepal's First STEM Program: Energy-Harvesting Device

March 2020

Lead Developer

Kathmandu, Nepal

- Led a cross-departmental team to successfully develop 9 projects, with primary focus on an energy-harvesting device.
- Demonstrated exceptional presentation and communication skills, earning 2nd place for our team.

CAMPUS INVOLVEMENT AND LEADERSHIP

The University of Cincinnati Kickboxing Club

March 2025 – Current

Vice-President

Cincinnati, Ohio

- Successfully networked and partnered with martial artists from campus to initiate a martial arts club with over 30 members assisting around 12 students a day by coaching

Campaign for Digital Awareness

August – November 2019

President

Kathmandu, Nepal

- Initiated a digital awareness campaign in an area newly gaining internet access, effectively bridging the gap between digitalization and literacy while promoting awareness to over 250 individuals.

IT and Digital Literacy Club

August – January 2020

Founder and President

Kathmandu, Nepal

- Founded an IT and Digital Literacy club to provide students with programming fundamentals and digital literacy courses, boosting interest in computer science by 32%.

SKILLS

Platforms: Linux, MacOS, Windows

Relevant certifications: Cybersecurity & Network Security Architecture, Object-Oriented Programming & Software Logic, Comprehensive Foundations of Code Architecture, SQL & Enterprise Database Management Systems

Available to work starting in the fall 2025