Ruksha Khadka

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EDUCATION

University of Cincinnati, Cincinnati, Ohio, USA   Expected graduation: April 2028

- *Bachelor of Science, Cybersecurity and Data Technology*   GPA: 3.887
- Relevant Coursework: System administration, Database Management, Network infrastructure Management

SKILLS

- Technical: Python, PowerShell, HTML, Java, CSS, Wireshark, Packet tracer, Raspberry pi, CentOS Linux, SQL

EXPERIENCE

Data Analyst Intern   2023 January-2023 July

Naya Patrika Daily, Kathmandu, Nepal

- Created Power BI dashboards to visualize readership trends and article performance, providing editorial teams with actionable insights to optimize content strategy and reader engagement
- Extracted and analyzed data from the company's content management system using SQL, identifying patterns in reader preferences and suggesting data-driven improvements
- Streamlined data entry and analysis processes using Excel and Google Sheets, enabling efficient tracking of publication metrics and reducing manual errors by 30%

IT Intern   2022 January-2022 December

Boston International College, Chitwan, Nepal

- Provided technical support and resolved hardware and software issues for faculty and students, enhancing the efficiency of IT operations.
- Employed Wireshark and Packet Tracer for network troubleshooting and monitoring, ensuring reliable and secure connectivity throughout the campus.
- Implemented a ticketing system to manage and prioritize technical support requests, reducing resolution times by 25%

PROJECTS

Explore all the projects on my Portfolio

Misinf AI | *HTML, CSS, JavaScript, OpenAI, NodeJS, SQL* | *Mininf*

- Built a browser extension that detects misinformation and AI-generated content in real time, providing users with credibility scores and alerts for flagged content
- Optimized API from OpenAI and Google Fact-Check and data processing by implementing paragraph-level analysis, enhancing detection accuracy without disrupting user experience

Vaulty | *HTML, CSS, JavaScript, Node.js, SQL* | Vaulty

- Developed a secure and accessible platform that empowers small businesses through transparent group funding, enabling predictable financial planning and reducing reliance on high-interest systems.
- Conducted market research and analysis using tools like Excel and Python, leveraging data visualization techniques to identify a $140M market opportunity, and developed predictive models for customer acquisition and retention.

EXTRA-CURRICULAR ACTIVITIES

Executive Board Member | *University Funding Board*   2024 September- Present

- Designed a Power BI report to track and visualize incoming funding requests, providing insights into allocation trends and streamlining decision-making
- Collaborated with fellow board members to allocate funds effectively, offering strategic insights to approve or deny funding requests based on alignment with university policies

Secretary | *Nepalese Student Association*   2024 August- Present

- Managed logistics for cultural events, venue booking, guest communication, and event timelines to promote Nepali culture and enhance community engagement
- Organized meeting agendas, minutes, and action items while managing internal communication to ensure clear coordination and smooth execution within the executive team

International Partners and Leaders | *UC International*   2024 January- Present

- Served as the student presence for UC international, participating in collaborative efforts to enhance student experience
- Coordinated events such as international taste, Cultural show, Prom to promote a sense of community among students

Tutor | *Bearcat Buddies*   2023 September- Present

- Tutored K-12 students in various subjects, helping to improve their academic performance and build confidence
- Mentored children on future career prospects, helping them explore potential pathways to achieve their goals

AWARDS AND HONORS

- Dean's List (Fall'23, Spring'24), International Outreach Scholarship, UC Global Scholarship, UC Global Welcome Scholarship, T & S Houpt Scholarship CECH, Sarah M. Pullen IT Scholarship

Availability- Summer'25