BIKASH ACHARYA

214 Grey Stable Lane | Highland Heights, KY | 859-786-4579 | acharyab2@mymail.nku.edu

EDUCATION

Northern Kentucky University   Highland Heights, KY
Bachelor of Science in Computer Science   Dec. 2024
Relevant Coursework: Object-Oriented Programming in Java, Data Structures and Algorithms,
Database Programming, Full Stack Development, Data Analytics and Visualization

EXPERIENCE

Education At Work
Microsoft 365 Support Ambassador   May 2022 - Current
- Provide technical support and troubleshooting assistance to Microsoft 365 users, helping them to resolve issues with the software and improve their productivity and efficiency.
- Work closely with the Microsoft 365 support team to identify and report issues with the software, including bugs, glitches, and usability problems, and suggest improvements and solutions to enhance the user experience.
- Collaborate with cross-functional teams and users to understand their needs, explain technical concepts, and provide guidance on how to use Microsoft 365 software more effectively.

NKU Physics Geology and Engineering Technology Department   Aug. 2021 – Dec. 2021
Research Assistant
- Designed and executed experiments to investigate the effects of shock on semiconductor materials, demonstrating a strong understanding of experimental design and data collection which resulted in better photoelectric effects.
- Collaborated with a team of researchers to interpret experimental results and draw conclusions about the behavior of semiconductor materials under various shock conditions.

CINSAM, Northern Kentucky University
STEM Peer Mentor   Aug. 2022 – Dec 2022
- Held social events for first year STEM students focusing on getting them familiarized with the campus resources
- Met with students in groups as well as one to one basis to discuss the challenges and successes of the program
- Hold office hours for students to guide them in their coursework as instructed by the instructor.

PROJECTS

Bingo Game
- Developed a multiplayer BINGO game using a combination of JavaScript, HTML, jQuery, and Node.js, and JsonBlob allowing users to play against each other in real-time
- Implemented turn-based gameplay mechanics, allowing each player to take turns calling out numbers and enabling other players to cross them off their virtual BINGO cards.

Department of Physics, St. Xavier's College   Kathmandu, Nepal
Research Intern   Oct. 2019 – Dec. 2020
- Analyzed large datasets of meteorological parameters to predict Global Solar Radiation for various cities in Nepal, using Excel and Origin for data analysis and graph plotting.
- Developed and validated a model for predicting Global Solar Radiation in various cities in Nepal, using linear regressions and other statistical methods, demonstrating strong skills in data analysis and modeling.
- Co-authored in two papers which got published in the reputed journal of Nepal.

AWARDS

International Merit Scholarship
EDGE Scholarship
Physics Geology Professor Emeritus Award
Presidents Honor List

SKILLS

Technical: Java, Python, HTML/CSS, Bootstrap, JavaScript, SQL, Node.js, React, jQuery, R, Microsoft Office
Language: Nepali, English, and Hindi