Bishal Timalsina
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EDUCATION

Berea College	Berea, Kentucky
B.A. in Computer Science	Expected Graduation: May 2025

- CGPA: 4.0/4.0, Major GPA: 4.0/4.0.
- Organizations/Awards: Berea College full-ride scholarship ($170,000), **Dean's List**: Fall 2022, Spring 2023, Discovery Funds**.**
- Relevant Courses: Data Structures and Algorithms, Open-Source Software Engineering, Software Design and Implementation, Calculus-I, Discrete Mathematics, Intro to DevOps (Coursera), Introduction to Cloud Computing (Coursera).

SKILLS

- Programming Languages: Python, JavaScript, SQL, C++, C.
- Web technologies: HTML 5, CSS 3, Bootstrap.
- Developer Tools**:** Git, GitHub, VS Code, Flask.
- Other Skills**:** Agile Development, Microsoft Office Suites.

EXPERIENCE

Incoming Robotics Undergraduate Research Intern	**Purdue, US**
Purdue University	

Incoming Teaching Associate, Computer Science Department(10hr/week)	**Berea, US**
Berea College	

Teaching Associate, **Computer Science Department**(5hr/week)	**Berea, US**
Berea College	Feb 2023-Present

- Assisted more than 20+ students to cement basic SQL and general programming fundamentals.
- Provided vital lab time for students to receive help troubleshooting code and receive constructive criticism and explanations.
- Hosted review sessions attended by over 25+ students who saw a higher-than-average grade on larger assessments.

Operations Associate, Public Safety	**Berea, US**
Berea College	Dec 2022-Jan 2023

- Collaborated closely with Security Systems Coordinator to maintain a record of the Closed Circuit- Television (CCTV) footage around the campus which assisted in maintaining around 100% safety.
- Contributed to 1500 students along with faculty staff by issuing cards, providing students with parking decals, and keeping records of the keys of buildings on the campus.
- Attended more than 300 calls to help students and faculty be informed about the information regarding the campus and safety hazards.

Nepal Red Cross Society	**Banepa, Nepal**
Software Engineering Intern	June 2022 – August 2022

- Created 15+ web application landing pages with HTML5/CSS/ JavaScript.
- Reduced page load times by ~15% using Ajax. And Prototyped new UI animations, which improved the performance and stability of UI and JavaScript runtime.

TECHNICAL PROJECTS

[Client Book](#)| C++
- A full-stack Client Management Service application.
- Utilizes .Net development and Entity Core to build an immersive application for small-tier client management.

[Image Editor](#)| Python and Tkinter
- Implemented the project within 48 hours coding challenge deadline.
- Used Object Orientated Programming for the code reusability, including the Class-responsibility-collaboration (CRC)card to help the teammates collaborate in the brainstorming sessions.

[Email Spam Detector](#)| **Machine Learning**
- An application that detects whether an email is spam or not by checking its probabilities using machine learning.

CLUBS AND EXTRACURRICULAR ACTIVITIES

- **Member of Google Developers Club**   **August 2022-Present**
  - Worked to organize several hackathons for more than 50 students from the club.
- **Member of National Society of Black Engineers- Berea Chapter (NSBE), Berea, KY**   **August 2022-Present**
  - Find, collect funds, and prepare more than 30 students for regional hackathons and competitions.

Other Affiliation and Certifications: Virtual Insights Series Participant at Goldman Sachs, Dell Technology Emerge Participant, Participation at Major League Hacking Social Good Week, Color Stack Member, [Software Engineering Virtual Experience at JP Morgan& Chase](#), [Software Engineering Virtual Experience Program at Godman Sachs](#). [Back-End Engineering at Lyft.](#)