Bishal Timalsina

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EDUCATION

Berea College B.A. in Computer Science Berea, Kentucky

Expected Graduation: May 2026

- 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.
- Relevant Courses: Software Design and Implementation, Data Structures and Algorithms, Intro to Web Development, Calculus-I, Design and Documentation.

SKILLS

- Programming Languages: Python, JavaScript, SQL.
- 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 Feb 2023-Present

Berea College

- 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.
- Effected the online website, which helps more than 1000 patients who can now directly get easy access to information about the
 availability of blood in the blood bank.

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.

BFCO Website Modernized | HTML, CSS, JavaScript

- Pioneered a team of 4: organized meetings, designated tasks, helped teammates debug, etc. Final grade of 100%.
- Contributed to the Berea Faith Community Organization website BFCO to make it modernized, which will help the Berea Community as required by the board of directors of the Food Bank.

CLUBS AND EXTRACURRICULAR ACTIVITIES

Member of Google Developers Club

August 2022-Present

- o Worked to organize several hackathons for more than 50 students from the computer science department.
- Member of National Society of Black Engineers- Berea Chapter (NSBE), Berea, KY
 August 2022-Present

 Find collect funds and prepare more than 20 students for regional backsthone and competitions.

 \circ Find, collect funds, and prepare more than 30 students for regional hackathons and competitions.

Other Affiliation and Certifications: Participation at Major League Hacking Social Good Week, Color Stack Member, <u>Software</u> Engineering Virtual Experience at JP Morgan& Chase, Software Engineering Virtual Experience Program at Godman Sachs.