

MOSTAPHE MOHAMUD

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EDUCATION

Berea College, Berea, Kentucky, United States

Expected Graduation: December 2025

- **BA.** Computer Science and Economics
- **Relevant courses:** Software Design and Implementation (Spring '22), Data Structures and Algorithms (Fall '22), Discrete Mathematics (Fall '22), Complete 2022 Web Development Bootcamp (Udemy), Calculus I (Spring '23)
- **Honors and Awards:** **Berea College Full-Tuition Scholarship:** Full-Ride Scholarship worth (\$170,000); **Discovery Funds Grant:** One Thousand Dollars (\$1000); **Dean's List:** Spring 2022, **Google Conference Scholarship (Tapia)**

SKILLS

- **Programming Languages:** Python, JavaScript
- **Web technologies:** HTML 5, CSS 3, Bootstrap, jQuery
- **Developer Tools:** Git, VS Code, Atom, GitHub, Flask
- **Other Skills:** Agile Development, Microsoft Office Suites, Problem-solving, Teamwork

EXPERIENCE

Software Developer Intern, Computer Science Department, Berea College, Berea, KY

Jun- Aug 2022

- Deployed a full-stack web application used by the CELTS office to serve 1000+ faculty, staff, and students conveniently
- Increased the speed of the development by 30% within a few weeks by implying effective problem-solving techniques
- Maintained constant communication with the client department and used their feedback to deploy an efficient product
- Cooperated with a group of nine interns and incorporated test-driven development to improve code quality and fix 300+ bugs

Engage Scholar, Pinterest Inc., Remote

Jun- Aug 2022

- Selected as one of 42 scholars nationwide to participate in a selective summer development program
- Work with a mentor to achieve technical and professional growth in software engineering by attending weekly mentor pods
- Complete weekly coding and optimization challenges & go over the solution with a group of other scholars and a mentor

Virtual Insight Series Participant, Goldman Sachs, Remote

May- Jun 2022

- Selected from a pool of 10,000+ applicants to engage in a virtual four-week program aimed to introduce students to the firm
- Learnt about resume best practices and effective recruiting techniques in software engineering roles

IT Support Specialist, Information Systems and Services, Berea College, Berea, KY

Jan- May 2022

- Troubleshoot computer software and hardware issues for 1600+ college students and 130+ faculty/staff members
- Maintained classrooms, office technology, and internet connectivity in 40+ buildings on campus which helped
- Handle phone calls from users having problems with their accounts offering simple and feasible solutions

Tech Forward Fellow, HBCU 20x20, Remote

March-May 2022

- Cooperated with 40 fellows & improved my technical skills in Software Engineering, UI/UX Design & Product Management
- Explored tools that enable users to interact with websites and web applications
- Engaged in technical interviewing sessions and networked with software engineers from top-tier companies

TECHNICAL PROJECTS

Bridge | HTML, CSS, JavaScript

In-progress

- A web application designed for past interns to share their internship experience so that future interns can use it as a reference
- Designed to minimize the time students spend on internship search by 70% by providing exclusive intel on internships
- Increases student's successful internship search and retention rate

Portfolio Website | HTML, CSS, JavaScript

July 2022

- Designed and constructed a full-stack portfolio website to showcase my technical skills as well as develop a personal brand

Travel Guide | Python

April 2022

- Worked with a teammate to build a Python program that enables users to select a location on the world map and then suggests tourist attractions, local cuisines, and tips for travel to those specific locations

CLUBS AND EXTRACURRICULAR ACTIVITIES

Treasurer, National Society of Black Engineers - Berea Chapter (NSBE), Berea College, Berea, KY

March 2022 – Present

- Led and organized a team of 8 students to attend the 48th NSBE convention
- Connect student members to potential professionals in their respective fields
- Find, collect funds, and prepare students to participate in regional hackathons and competitions

Other Affiliations: Technology Lead at Google Developers Club (GDC), ColorStack Family Member, Active Member at African Students Association (ASA) and Muslim Student Association (MSA)