

Nyan Lin Zaw

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EDUCATION

Bachelor of Arts, Computer & Information Science and Communication (intended)

Berea College – Berea, Kentucky

Expected Graduation- December 2025

Four years of Full-Tuition Scholarship

Relevant Coursework – Software Design & Implementation, Intro to Web Development, Business Programming, Information Management Systems, Discrete Mathematics, Organizational Communication, Data Structure and Algorithms

TECHNICAL SKILLS

- **Developer Tools** – Agile, Git, GitHub, Firebase, Flutter, Figma, Procreate, Bash Command Line, Shell, Vite, Canva
- **Computer Languages** – React, Python, HTML, C++, CSS, JavaScript, Node.js, Dart, VBA, jQuery, SQL, Jinja, Flask
- **Framework** – Bootstrap, Express.js, NPM, WordPress

EXPERIENCE

Student Software Developer – internship - WSL, Jinja, Peewee, Bootstrap, jQuery June 2024 – Present

Berea College Student Software Developer Team (SSDT) – Berea, Kentucky

- Collaborated with senior developers & 14 interns to develop & maintain a full-stack flask web application that served 1000 students & faculty for Berea College's Center for Excellence in Learning through Service (CELS).
- Handled 15 large and small issues at the first half week involving APIs, AJAX & JSON and review PRs for other interns

Student Operations Manager – part-time

May 2022 – June 2024

Berea College Office of Student Success & Transition (SST) – Berea, Kentucky

- Troubleshoot 9 staff members' technical, hardware, and software issues to support administrative operations
- Coded software that allows users to generate email information, which reduces +100 hours of office labor speeding up the time in providing intervention help to students (<https://github.com/MImran2002/SST-email-generator>)
- Plan and support large campus events through teamwork and communication skills for orientation & Graduation

Frontend Web Developer – part-time

August 2023 – December 2023

Berea College Chapter of the American Association of University Women (AAUW) – Berea, Kentucky

- Collaborated to redesign the Berea College AAUW website (<https://aauwberea.com/>) to enhance the site's visibility, accessibility (90% on Google Lighthouse assessment), and responsiveness.
- Utilized WordPress, CSS, HTML, and Canva to enhance the web services with visual effects, add alternative text to images, and improve color contrast to strengthen the visual appeal and functionality of the website
- Revised content and enhanced search engine optimization (SEO) led to a 200% increase in visitor traffic from August 2023 to November 2023 and search appearances in 3 countries (USA, Canada, France)

Search Engine Optimization Extern - externship

May 2024 - July 2024

Extern

- Utilize SEO tools SEMrush to identify keywords relevant to the extern company and the industry it functions and create four blogs with keywords that have a lower difficulty rate below 50% and aim for Informational purpose for the client

PROJECTS

Barcode Generator – Python, PyPi, Tkinter

2023

- Created Barcode software with unit testing and used GUI to understand and practically draw a UPC-Barcode
- Allowed the user to type in the UPC-Barcode number and check if it is true through loops and interactions.
- Developed a user interface that allowed users to interface with the software and produce their favorable code with a binary-code dictionary while communicating with other teams over Slack and issuing pull requests.

Own a Pet Game – C++

2024

- Created a game with class interactions between a Cat and an Owner. The Owner can implement the Cat's methods
- The user will have to feed and pet while random waves of sadness would interfere with the Cat-Owner relationship

Study/Game Room – HTML, CSS, JavaScript, Node.js, Firebase, Procreate

2023

- Created a web app that uses Firebase to authenticate and NPM to generate motivational quotes for the web app (<https://mimran2002.github.io/study-game/>) with a focus on UI/UX using Figma to prototype it at the initial stage
- Implemented Firebase Realtime Database to store email information with back-end development

VOLUNTEERING

Co-Lead and Event Coordinator (volunteer)

August 2023 – Present

Google Developer Club at Berea College – Berea, Kentucky

- Create an app (in the idea phase) with the Google Developer team to reduce homelessness in Lexington
- Planned developer event for 15 new Google developers to learn more about Google technologies like Firebase