

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 System, Discrete Mathematics, Organizational Communication, Interracial Communication, Data Structure and Algorithms, Computer Organization, Health Communication

TECHNICAL SKILLS

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

EXPERIENCE

Student Operations Manager

May 2022 – Present

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
- Promoted from Office Associate (August 2023) to implement team-based leadership for office & programs

Frontend Web Developer

August 2023 – December 2023

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

- Collaborated with 2 other developers 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)

PROJECTS

Barcode Generator – Python

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 iterations
- 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 and issues

Contraception UI – Python

2024

- Programmed a GUI software to help patients & health providers establish strong communication by having an interactive decision-making software with the aim of increasing patient involvement from 9% to more
- The software provides options for the user's choice contraceptive needs with clinical decision support system for how much protection a contraception can give visually ([MImran2002/contraception-UI: Health Organization, a decision making UI for contraception \(github.com\)](#)).

US State Game – Pandas/ Beautiful Soup

2024

- Worked with .csv file and Pandas to extract the data into a list to check if the user has the correct US state
- Incremented the correct answers and have an interactive game based on turtle screen

Study/Game Room – Webapp

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