

KAUNG SITHU (ERIK) HEIN

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EDUCATION

B.S. COMPUTER SCIENCE

San José State University, San Jose, CA

Jun 2025

RELATED COURSEWORK

Programming in C++, Java, Assembly, Computer Architecture, Object-Oriented Programming, Data Structures and Algorithms, Object-Oriented Design, Introduction to Database Management System, Operating System, Information Security, Introduction to Machine learning

TECHNICAL SKILLS

Programming (C++, Java, Arduino, JavaScript, Python, JavaFX), Web (HTML, CSS, JavaScript, Wordpress, Typescript, React, Node.JS, Next.JS, Bootstrap, Tailwind), UI/UX (Figma, Adobe XD), Graphic Design (Adobe Photoshop, Adobe Illustrator), DevOps (MongoDB, Firebase, Google AI Cloud, Supabase, Git)

PROJECTS & EXPERIENCES

ZENBOARD (<https://zenboardai.vercel.app/>)

Sep 2024

- Developed an AI-powered scheduler app using NextJS, Supabase and Google Gemini and Calendar APIs.
- Integrated functionalities that the AI generates an efficient schedule for the user and creates the tasks in associated Google calendar.

SOFTWARE DEVELOPMENT ENGINEER INTERN (Graph Academy, Remote)

May 2024 - Present

- Collaborated with a team to design an AI-Driven Dating App using TypeScript and NodeJS.
- Designed UI using Figma, and utilized TypeScript and modular component design to maintain high code quality and scalability.
- Created responsive character animations and motion graphic using Rive.

TYPE IN ZEN (<https://typeinzen.vercel.app/>)

Apr 2024

- Designed the UI/UX and developed a relaxing and clam typing game.
- Implemented the Google's Gemini API to generate the typing content.
- Used React, Javascript and Generative AI.

RECIPE GENIUS (<https://github.com/erik-ksth/CS151-RecipeGenius>)

Nov 2023

- Developed an application that generate possible dishes and recipes depending on the ingredients in the fridge using Java, JavaFX, API, and OOP principles.
- Led the team, and took responsibility for connecting API, backend and error handling,

ENSTANT WEBSITE (<http://enstant.vercel.app/>)

Nov 2023

- Developed a responsive website for business card ordering service by Oakmead Printing Inc.
- Used React, TailwindCSS, Material UI, and Email.JS.

FRONT-END DEVELOPER & UI/UX DESIGNER (Bridge Burma, Remote)

Aug 2023 - Present

- Collaborated with a team to design the program and new products.
- Designed UI using Figma, and developed responsive webpages using TypeScript and ReactJS.

STUDY BUDDY WEB APP (<https://study-buddy.vercel.app/>)

Oct 2021

- Designed and developed a responsive web application as a personal project.
- Includes a timer, to-do-list, music player, and motivational quotes.
- Designed in Figma, and coded in HTML, CSS, JavaScript, and jQuery.