KAUNG SITHU (ERIK) HEIN

erikhein.ksth@gmail.com | erikhein.info | linkedin.com/in/kaungsithuhein/ | (669) 264-6655

EDUCATION

B.S. COMPUTER SCIENCE   *Jun 2025*
San José State University, San Jose, CA

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

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), Office Suite, DevOps (MongoDB, Firebase, Google AI Cloud, API, Git)

PROJECTS & EXPERIENCES

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.

SNAP CLIENT WEBSITE (http://snapclient.com/)   *Apr 2023 - Sep 2023*
- Developed a responsive website for a medical software company, SnapClient.
- Built in WordPress, and deployed by Site5.

WINNER OF 4-H STATE ROBOTICS COMPETITION   *May 2022*
- Built a Morning Routine Rube Goldberg Machine using Arduino.
- Led the team and took responsibility mainly for Arduino hardware and coding parts.

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.

ACTIVITIES & LEADERSHIP

CO-FOUNDER & HEAD OF MARKETING   *Apr 2022 - Oct 2022*
Robotics Society of De Anza (RSDA)