

# 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

## 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

**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.
- Led the team, and took responsibility for connecting API, backend and error handling,
- Used Java, JavaFX, API, and OOP principles.

**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)*