Eun Lee

A passionate developer who brings creative ideas from areas, including networking and data storage, security, UI/UX design, and progrssive web applications. I am looking for opportunities to expand my current skill set.

ehlee512@gmail.com
714-833-7833
La Mirada, California
https://eunlee.vercel.app/
github.com/ewno92

Education

- Bachelor Degree in **Computer Engineering** GPA 3.0
  California State University, Long Beach
  Year of 2017

Technical Skills

- HTML
- CSS
- NodeJS
- Express
- BootStrap
- Version Control
- Tailwind Css
- MongoDB
- C++
- JavaScript
- Python
- Java

Experience

Full Stack Developer — Mar 2021 - Current
Cozmo US Inc.

- Created front-end side using Bootstrap and Sass.
- Participated in projects to develop REST APIs.
- Integrated third-party APIs to build applications using React.js.
- Designed client-side and server-side architecture.

General Manager — Aug 2019 - Jan 2021
Kensuji Inc.

- Monitored revenue and expenditure on a daily, weekly, and monthly basis to maximize profitability.
- Hired, trained, supervised and evaluated a diverse staff of employees.
- Managed inventory.

Quality Assurance Engineer — Sept 2017 - May 2019
Sundeco Ltd

- Collected and analyzed data when failures occurred during the manufacturing process.
- Improved manufacturing speed by programming machines to the apex manufacturing setting.
- Quality assured the products.

Projects

Cozmo Finance Web Application
https://cozmofinance.com/

- Designed, developed, debugged websites, and ensured software documentation was updated.
- Implemented Create, Read, Update, and Delete function to maintain data.
- Used React.js, Next.js, Bootstrap, and Material-ui for the front-end side, used Node.js, Express.js for the back-end, and used MongoDB for the database.

Single Axis Helicopter

- Implemented closed loop control system with proportional integral derivative controllers.
- Used 8051 atmel microcontroller and programmed in C++

Wall Avoiding Car

- Developed wall avoiding software using C language and a TM4C123GE6PM microcontroller.
- Implemented 2 IR distance sensors using ADC sampling and output the values to a LCD screen(Nokia 5110) to display ADC values.
- Implemented DAC to produce an audible sound of a collision incoming.

XYZ Robotic Arm

- Developed software using Texas Instruments TM4C123 microcontroller.
- Implemented a Bluetooth(HC-05) controlled robotic arm moving in 3 dimensions.
- Used PWM algorithm to control servo motors to change angles and move the arm.