Eric Lee

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LinkedIn: https://www.linkedin.com/in/leeminhyuk/   Github Portfolio:
https://ericmlee.github.io

Education

University of California, Santa Cruz - June 2021
- Bachelor of Science in Computer Science with a GPA 3.4

West Valley Community College - May 2019
- Associate in Computer and Math with a GPA 3.85

Experience

Mobile Engineer, Blushtuch - June 2020 to Present
- 2020 start-up company that connects everyday service providers to clients in their city
- Structured, planned, and executed the development of the Firebase database
- Worked with 3rd party applications connecting the backend with stripe for payment
- Cross-trained new team members so they are prepared to develop and test their own software

Projects

Pacman AI
- Developed pacman agents that solved the given maze to its best ability
- Implemented Decision Trees, Search algorithms, and Reinforcement Learning algorithms

Emailer
- Constructed an emailer frontend and backend single handedly
- Attached a server and database to handle sending and receiving emails
- Coded using Javascript, React and Express

Pintos
- Furthered an OS project that dealt with threading, scheduling and anything multiprocess
- Improved the built in timer by adding smartly placed sleeps
- Implemented a scheduling procedure for priority threads by adding priority donations

Chess
- Simulated a chess game in Java using JFrame for visualizations
- Concentrated on Object Oriented Programming and creating a chess AI
- Brainstormed with interested clients to add 4 new custom pieces to make a new set

Portfolio Page- https://ericmlee.github.io
- Designed, developed, and executed a portfolio page for my work and accomplishments
- Utilized Material Design Bootstrap to accelerate the development of my page
- Incorporated Javascript to create a way for my site visitors to send me a message

Visual Sorting - https://ericmlee.github.io/sorting
- Interactive website that allows users to visualize the major sorting algorithms
- Programmed using strictly Javascript, CSS and HTML

Weigh My Grade - https://ericmlee.github.io/weighmygrade/
- Maintained a website that gave support to those who needed help calculating their grade
- Supported multiple entries with a simple easy to use User Interface

Skills

Languages - C, C++, Java, Python, Javascript, Dart, MIPS, Scheme, Ocaml, Prolog, PostgreSQL
Software - Git, Firebase, MongoDB, Stripe, Firestore, Docker
Libraries - Flutter, Bootstrap, ReactJS, Express.js, gpdraw, MaterialUI, Nodejs
Tools - Figma, Visual Studio Code, Excel, Android Studio, Slack, Jira, Databases