Phyo (Justin) Htut

♠ 4944 Anza St, San Francisco CA 94121



EXPERIENCES

Wind River Systems, Alameda

FEB 2019 - PRESENT

IP Research and Development Engineering Intern

- Innovation Tracker (Fullstack) MAY 2019 PRESENT
 - Serves as end to end engineer for innovation project management software.
 - > Documents the maintenance manual and user manual for the software every 3 weeks.
 - Containerizes the software for automation.
 - > Technologies: Vue.js, Quasar, Firebase, and Docker.
- S-Parts (Blockchain: Hyperledger Sawtooth) FEB MAY 2019
 - Re-factored the data nodes from comma-separated values (CSV) to Javascript object notation (JSON).
 - Designed and implemented backend APIs, which allowed the user to reconstruct states of an object associated with the UUID at any given timestamp.
 - Documented the user manual for the software and containerized the software for automation.
 - > Technologies: Python, Flask, and Docker.

Youth Society for Education, Daly City

NOV 2017 - PRESENT

Fullstack Developer

- Helps build a custom webportal for a non-profit organization as a voluntary developer.
- Designs the data model and implements components for the webportal by utilizing ReactJS and Firebase.
- Serves as a git master for the project repository.
- * Technologies: React.is, Redux, Express.is, and Firebase.

The Coder School, San Mateo

AUG 2017 - PRESENT

Code Coach

- Mentors students in Python, Java, and Javascript in the fundamentals of programming.
- Challenges students with coding puzzles to further advance their skills in algorithm, control flow, and data structuring.

US Marine Corps, San Jose

JULY 2010 - OCT 2014

Enlisted Marine (MOS 1345: Heavy Equipment Operator)

- Looked after the well-being and the readiness of each junior Marines.
- Performed tasks in group settings while upholding safety standards and timely completion.

EDUCATION

San Francisco State University

M.S. Computer Science | Expected: MAY 2022

University of California, Berkeley

B.S. EECS | Graduated: DEC 2015

SKILLS

MySQL, SQL Java. C/C++ MongoDB, NoSQL JavaScript Firebase, Flask Python Kafka, Zookeeper React.js, Redux Corodva.js, Electron.js Vue.js, Quasar HTML, CSS Node.js Express.js Agile Techniques Docker Linux

PROJECTS

Covid Detection App (Fullstack)

- Proof of concept application for Covid-19 where the application determines if the chest X-Ray images are infected with Covid-19.
- **♦ Technologies:** Keras, Tensorflow, Flask, Express.js, React.js, and AWS.

EatUp (Fullstack)

- Application to suggest the users what kind of dishes they can make depending on what they have in their fridge and time of day.
- Technologies: Vue.js, Quasar, and Firebase.

RedditLite (Fullstack)

- Designed and built a clone of Reddit with an ability to update in real-time on all client machines by utilizing MERN technology stack in conjunction with websocket.
- Technologies: React.js, Redux, Firebase, MongoDB, Express.js, AWS, Kafka, Zookeeper, and Docker.

DIYup (Fullstack)

- Designed and built a webapp, which is a hybrid of WikiHow and Amazon, while serving as a team lead.
- **❖ Technologies:** Vue.js, Quasar, MySQL, Flask, and AWS.