Phyo (Justin) Htut

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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.js, Redux, Express.js, 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

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

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.*