

JASON HANNANTO

Software Engineer

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EDUCATION

UNIVERSITY OF SOUTHERN CALIFORNIA

Los Angeles, CA

Computer Science, BS | Expected Graduation, 2020

KEY SKILLS

- Javascript, Scala, Python
- Experienced in Web Service Architecture (Async, Client/Server, REST APIs).
- Excellent familiarity of React, Angular Front-End Frameworks developing reusable components including (State management, Lifecycle, Polyfill)
- Experienced working with both functional and object oriented programming paradigms
- Strong fundamentals of Data Structures and Algorithms.

EXPERIENCE

FOURSQUARE

San Francisco, CA | June 2019 – August 2019

Software Engineering Intern

- Scala, Memcache, MongoDB, Apache Thrift
- Developed and deployed backend service tracking health status of webhooks serving 80M+ requests daily for Pilgrim SDK, a core-technology location detection engine developed by Foursquare.
- Designed and implemented caching layer with Memcache, reducing costs from data pulls to Mongo.

NASA JPL

Pasadena, CA | Aug 2018 – May 2019

Software Engineering Intern

- AWS, Flask, Angular, PostgreSQL, Docker
- Developed features for JPL Visitor Management System including a form validation system for internal/external facing sites.
- Developed and deployed Docker containerized automated testing using Robot Framework with Jenkins for CI.

MICRON TECHNOLOGY

San Jose, CA | May 2018 – August 2018

Software Engineering Intern

- React, Node, Apistar (Python 3), Webpack
- Developed a web-based dashboard aggregating and visualizing data from various internal sources.
- Developed internal web-app generating SystemVerilog Covergroups saved on a SQL database. Used as part of a new rollout plan to standardize and automate Covergroup implementations facilities.
- Created multiple API endpoints for retrieving and processing real time data cached onto server Redis DB.
- Automated Micron's project sign off tracking system on Confluence utilizing Jira API's in a scalable and reusable matter for future project needs.

UNIVERSITY OF SOUTHERN CALIFORNIA

Los Angeles, CA | Aug 2017 – May 2018

Webmaster

- Develop new web-pages utilizing HTML/CSS with Wordpress as a CMS.
- Maintain FTP-accessed servers and reorganized folder architecture of files to be more scaleable and efficient

PROJECTS

MEDIUM.COM | Technical Article Writing – medium.com/@JASONHANNANTO

I am writing technical articles on various topics regarding Software Development.

- HTML Injection of Mitsuku AI through Twitch Chat