JASON HANNANTO
Full-Stack Javascript Developer

✉ hannanto@usc.edu l 📞 (626)-267-6038 l 👤 jasonhannanto.github.io l 🐙 github.com/JasonHannanto

EDUCATION

UNIVERSITY OF SOUTHERN CALIFORNIA   Los Angeles, CA
Computer Science, BS | Expected Graduation, 2020

KEY SKILLS

- **Javascript, C++, Python**
- Experience building and utilizing **RESTful APIs** and **Web-based applications** using **NodeJS** and **Python frameworks**.
- Excellent familiarity with **React** developing reusable components including usage of **state management** and **life-cycle** methodologies.
- Experience developing with **Web Service Architecture (Async programming, Client/Server, REST)**.
- Experience with storage solutions using NoSql(**MongoDB**) and Sql(**PostgreSql**)
- Strong fundamentals of **Data Structures** and **optimizations**.

EXPERIENCE

NASA   Pasadena, CA | Aug 2018 – Present
Software Engineering Intern

- Interning part-time as part of Data Analytics, Integration and Modeling Development Group within NASA JPL facility.

MICRON TECHNOLOGY   Milpitas, CA | May 2018 – August 2018
Software Engineering Intern

- **React, Node, Apistar (Python 3), Webpack**
- Developed **Micron Metrics**, a **web-based dashboard** for **project management** and **data visualization**, **aggregating** and **collecting data** from various internal sources. Provided managers/executives a way of tracking interdepartmental **project status** and **metrics**.
- Developed internal **web-app** generating **SystemVerilog Covergroups** saved on a SQL database allowing engineers to save and edit test suites. **Used as part of a new rollout plan** to **standardize and automate** Covergroup implementations between multiple Micron 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

CRYPTOSTOCK l Mock Cryptocurrency/Stock Dashboard Service

- CryptoStock is a **full-stack** web application developed using the **MERN** stack providing a complete web-service for keeping track of a user's portfolio.
- User Authentication provided by **oAuth 2.0** using **SessionCookies**
- **React, Node, Express, MongoDB, SASS**

MEDIUM.COM l 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