

Jay Lim

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WORK EXPERIENCE/PERSONAL PROJECTS

HaloSentient

Sept 2018 – Aug 2020

Fullstack Developer

Remote

- Implemented mobile friendly ecommerce marketplace website using **React/Redux** with hooks, **Node.js**, **Typescript**, **Firebase**, and **Stripe** as the payment processor.
- Designed and developed security-based web application using **React/Redux**, **MongoDB**, **Node.js** and **Socket.io** for real-time UI updates.
- Audited (QA) for interview-based web (**Angular/Node.js**) & mobile (**Swift & JAVA**) application by testing client & reading source code. Identified and reported multiple exploit avenues in web application.
- Leveraged knowledge in **Git**, **GCP**, **Fullstack web development**, **Javascript** using **ES6+**.

SpotLite

Aug 2019 – March 2020

Software Engineer

Remote

- Designed and created an **iOS app** using **SwiftUI** framework with **UIKit** components. Built UI, authentication, communicating with backend API, video cropping, **Core Data**, background app refresh, and more.
- Developed **backend API** using **Golang** on the **GCP** platform (Firebase, Storage, Spanner, Functions)
- Built the marketing website and profile preview website using **React** and **vanilla Javascript**

MaintStar

June 2018 – Sept 2018

React Intern

Irvine, CA

- Created Query module using **React**, **Semantic UI** and **Mobx**.
- Component lets end users run reports using custom parameters and view pdf on the browser.

Daily To Do – Productivity iOS Application

Personal Project

- Designed and developed a Daily “To-Do” checklist app using **Swift** and **UIKit**.
- Utilized **Core Data** with concurrency, local push notifications, daily resets and customizable notification times.
- Implemented **API call** to fetch motivational quotes in JSON format.

Huffman encoding – Text Compression

Personal Project

- Implement Huffman Encoding in **C++**, achieving compression rates of ~56% for large text files.

More Projects & Information Available on Github: www.github.com/jlxc106

EDUCATION

University of California, San Diego

June, 2015

BS, Chemical Engineering

La Jolla, CA

- Unofficial minor in **Computer Science** (due to rule within Jacobs School of Engineering).
- Active member/officer in science/engineering pre-professional student organization.

SKILLS

- **Proficient Skills:** Javascript; Python; Swift; React; Redux; Node.js; Typescript; SQL; NoSQL; Redis; Linux; HTML/CSS; Git; Apache/Nginx; AWS; GCP; Express.js; VIM
- **Familiar Skills:** Golang; PHP; Matlab; Docker; Wordpress; JAVA; C; C++; Angular; Flask; SASS