**Education** | Graduated - June 2018 | University of California, Irvine - **B.S. in Computer Science**



**Technology & Tools**

* **HTML**, **CSS**, **JavaScript**, **Angular, TypeScript, jQuery, GraphQL, React, NodeJS, PHP, Python, MySQL**
* **AWS Services, GCP, Docker, Gitlab, Unix systems, Confluence, JIRA**



**Work Experience**

***Software Engineer, Shazam – Apple, San Diego*** *February 2019 – Current*

* Took on the role of a technical lead to ensure smooth delivery of one of Shazam’s most visited pages
* Self-started a project to decompose a monolithic webservice into microservices using **Docker**; setup the CI/CD pipeline with **Gitlab**, and architected the backend infrastructure on **AWS ECS Fargate**
* Developed and tested cross browser/device compatible web pages involving heavy **JavaScript** and **CSS**
* Designed **MySQL** database schemas and developed **NodeJS** APIs for internal tools
* Developed applications that interface with **GCP** services like **Google Cloud Storage** and **BigQuery**
* Engaged constant communication and cross team collaboration with designers and product managers
* Improved development workflow by setting up pre commit hooks, introducing code review with Gitlab, and encouraging documentation on Confluence

***Software Engineer, MTS III* – Panasonic Avionics Corporation, Lake Forest [Contract]** *June 2018 – February 2019*

* Initiated and led the in-house development of an **Angular 2** DataTable library
* Developed and maintained **REST** APIs using **NodeJS** and **Express** and documentation using **Swagger**
* Utilized **Knex.js SQL builder** as the ORM interfacing with MySQL database
* Managed project tasks using **JIRA**; consistently coordinate tickets for new features, bug reports, and sprints
* Actively participate in code deployment process and version control using **Git flow** with **GitLab**
* Engage in code reviews to ensure high quality code and exchange knowledge with team members
* Document project requirements and scope definitions using **Confluence**
* Developed and maintained an HMAC authentication service to secure data transfer between microservices

***Associate Developer* – Realty ONE Group, Irvine** *Jan 2017 – June 2018*

***Application Development Intern* – Realty ONE Group, Irvine** *Sept 2016 – Jan 2017*

* Worked closely with the Product Manager in scoping out projects and drafting specifications/requirements
* Initiated and led the development of a **JavaScript** library that auto generates generic report pages; reduced development time of report pages by **90%** and decreased avg page size by **80%**
* Led the development of a light-weight calendar system that supported **9000+ users** with CRUD features on calendar events, member registration, and payment system
* Integrated Google API using its **PHP** SDK that synced users’ personal calendar with their company calendar
* Wrote **Python** automation scripts to assist operation team with data issues



**Projects**

***We Care to Share (Personal Project)*** [www.wecaretoshare.org](http://www.wecaretoshare.org)*November 2018*

* Self-started an **Angular 7** project to raise awareness about the charity events/projects around the world
* Utilize *Global Giving’s* opensource API as the data source; visualize datasets using **Angular Material**