**Education** | Graduated - June 2018

University of California, Irvine - **B.S. in Computer Science** | GPA: ***3.6*** *-* ***6 Dean’s Honor Awards***



**Skills & Tools Summary**

* *Client technologies* - **HTML**, **CSS**, **Bootstrap**, **JavaScript**, **Angular, TypeScript, jQuery,** RxJS, ReactJS, Redux,
* *Server, Database, & DevOp* – **Nodejs,** **MySQL, Unix, MacOS,** PHP, Python, GraphQL, C#, C++, Docker
* *Deployment & Management* - **Git**, **Git flow**, **GitLab**, **JIRA, Agile Methodology**, SourceTree, Scrum, Confluence,



**Work Experience**

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

* Implement **Angular** data visualization tablesthat make **AJAX** requests to fetch, filter, and sort datasets
* Develop and maintain a **REST** API using **NodeJS** and **Express;** design API endpoints using **Swagger**
* Utilize **Knex.js SQL builder** for data modeling and transfer between the **REST** API and **MySQL database**
* Manage 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 requirements and scopes using **Confluence** to guide future developers joining the projects
* Self-initiated and currently maintain/lead the inhouse development of an **Angular** **DataTable** library
* Develop and maintain a **NodeJS** service that performs secure HMAC authentication between microservices
* Develop and maintain an **Angular** application that processes batched refunds; it saves hundreds of man hours by eliminating the customer care team’s need to process refunds through the vendor’s web portal

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

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

* Developed features on the core front end application in **HTML, CSS, Bootstrap, jQuery, and JavaScript.**
* Maintained a **PHP** application that fetches and processes data from an internal .NET REST API
* Worked closely with the Product Manager in scoping out projects and drafting specifications/requirements
* Collaborated with third-party vendors and integrated their services with the company’s internal application
* Initiated and led the development of a **JavaScript** factory class that consumed configurations to auto generate reports; 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 - Current*

* 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**

***MedGuys HackUCI 2018 (Group Project @UCI Hackathon)*** <http://www.medguys.tech/> *Feb 2018*

* Designed the User Interface using **HTML, CSS, jQuery, JavaScript and Bootstrap 4**
* Mentored and collaborated with a junior developer in integrating a graph data-visualization tool that displays 5-year-prediction data of diseases
* Provided direction and coordinated/delegated tasks amongst 3 other members based on their talents