

## Technical Skills

**Strong:** Javascript, ECMAScript6, JQuery, PHP, MariaDB/MySQL, Bootstrap, Flexbox, HTML, CSS

**Experienced:** React.js, Redux, Web APIs/JSON, Apache, OOP (JS, PHP) and MVC paradigms, Node.js, Linux, Firebase

**Tools:** Chrome Dev Tools, Postman, Git, Github, PHPStorm, Team Foundation Server, Amazon Web Services

## Applications Developed

### School2Career

An application created by four developers that helps students search for schools to find their career path.

- Set up a **Linux** (Ubuntu) web server on **Amazon Web Services EC2** and handled routing with **Apache** using .htaccess.
- Imported CSV data dumps of 7703 colleges from the US Department of Education API into the database using custom **PHP scripts**.
- Built a **RESTful API** in PHP to send prepared statements and dynamic queries to the **MariaDB** database.
- Maintained routing and asynchronous **AJAX** calls to the API in **React**, using **Redux** to manage State.

### Student Grade Table

A **Content Management System** that allows a user to track and record students, courses, and grades.

- Utilized **Bootstrap** to design a responsive table *without CSS*, **JQuery** to update the DOM, **MySQL** database to store all the data, and **PHP** to create an **API** handling all CRUD operations. Debugged network requests using **Postman** and **Chrome Dev Tools**.

### Grab a Beer

An application where users can easily find a beer from a nearby location. Created by a team of four developers in 36 hours.

- Integrated responses from Google Maps **APIs** (Geocoder, Geolocation, Places), Yelp **API**, and BreweryDB **API** via **AJAX** calls.

### Tic-Tac-Wars

A Star Wars tic-tac-toe game with online multiplayer, created by a team of three developers in 36 hours.

- Served as Lead Developer to: implement online multiplayer via **Firebase**, create the game logic with dynamic board sizes and win conditions in **JavaScript**, validate DOM events with **JQuery**, and maintain source control management using **GitHub**.

### Ping

An Amazon Alexa Skill that enables users to send a network request to a domain via voice inputs. Alexa dynamically replies with its status.

- Built in 5 hours using **Amazon Alexa Skills Kit**, **Node.js**, and **Amazon Web Services Lambda** in a team of four developers.

## Professional Experience

### Software Quality Assurance Analyst, Corporate IT – First American Financial Corporation

2012 - 2014

- Became the primary onshore QA for the iOS and Android **Native Mobile apps** of [www.myfirstam.com](http://www.myfirstam.com).
- Cross-trained as a **Business Systems Analyst** and communicated with clients to gather business **requirements** for developers, exercising **Agile** software delivery methodology to maintain the project backlog for our **sprints**.
- Excelled at **Black-box** and **exploratory** testing, writing and executing **fully-automated** and semi-automated test cases.

### Wastewater Treatment Plant Operator / Plant Attendant – Los Angeles County Sanitation Districts

2015 - 2016

- Achieved my **Grade II** state certification in 11 months, a process that normally takes over 2 years.
- Maintained meticulously detailed and timestamped logs of all daily events to uphold state compliance.

## Volunteer Work

### Assistant Manager of Operations, Conventions – Society for the Promotion of Japanese Animation

2011 - Present

- Commit up to 200 hours a year towards running conventions, including: **interviewing**, **hiring**, and **training** personnel.
- **Lead 300** subordinates in training sessions and drills to handle 60,000 people a day at the Los Angeles Convention Center.
- Resolve conflicts in **high pressure** situations in coordination with: LAPD Bomb Squad, LAPD BCU, and LAFD Fire Marshal.

## Education

### LearningFuze – Accelerated Software Development Program

2016 - 2017

### California State University, Long Beach – B.S. Biology, Specialization in Education

2012

### MITx, Udemy, Codecademy – Online web development courses

2012 - Present

## Personal

- Traveler      Traveled 1400 kilometers across Japan to collect all the limited edition, specialty flavors of Kit Kats.
- Avid Fan      Anaheim Ducks Ticket Holder who once memorized the names and positions of all 700 NHL players.
- Competitor    Pro-am gamer who almost represented North America. Eliminated by the eventual world champions.