

Technical Skills

Strong: Javascript, ECMAScript6, JQuery, Bootstrap 3, HTML5, PHP, MariaDB/MySQL

Experienced: Web APIs/JSON, OOP (JS, PHP), CSS3, Apache, Linux, React.js, Firebase

Tools: Chrome Dev Tools, Postman, Git, Github, Team Foundation Server, PHPStorm

Applications Developed

School2Career

An application created by four developers that helps students find their career path and search for colleges that suits them.

- Set up a **Linux** (Ubuntu) web server on **Amazon Web Services** and handled routing with **Apache** using .htaccess.
- Imported CSV data dumps of 7703 schools 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.

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, **JQuery** to update the DOM, **MySQL** database to store all the data, and **PHP** to create an **API** handling all CRUD operation requests. Debugged network requests using **Postman** and **Chrome Dev Tools**.

Grab a Beer

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

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

Star Wars Tic-Tac-Toe

A game with online multiplayer and dynamic board sizes, created by a team of three developers in 36 hours.

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

MBoutique

A personalized store's website dedicated to the marketing and sale of delicious macarons.

- Utilized **CSS** to design the layout and **Bootstrap** to make it responsive. Handles dynamic routing with either **PHP** or **React**.

Professional Experience

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

2012 - 2014

- Became the primary QA **Point of Contact** for the iOS and Android **Native Mobile apps** of 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

- **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 850 miles across Japan to collect all the limited edition, specialty flavors of Kit Kats.
- Volunteer Volunteer 200 hours/year for 6 years at conventions. Personal Convention Record: >150,000 steps walked
- 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.