

CESAR KYLE CASIL

Software Engineer

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EDUCATION

University of California, Santa Cruz

Mar 2019

- *Bachelor of Science, Computer Science*

Coding Dojo, Silicon Valley

Apr 2018

- *Certificate of Completion, Full Stack Developer: Python, iOS, and MEAN (MongoDB, Express, Angular, Node.js) stack development*
 - Web development bootcamp specializing in front-end fundamentals as well as three full stacks. Dedicated over 1200+ hours of coding experience, including the ability to deploy a full website from client to server to database.

TECHNICAL SKILLS

Programming Languages: **JavaScript** (ES6)/TypeScript, Swift 4, **Python**, C, L^AT_EX

Front-End: **HTML**, **CSS**, **jQuery**, **AJAX**, **Bootstrap**, **JSON**, **HTTP Request/Response**

Database: **MySQL**, **SQLite**, **MongoDB**, **PostgreSQL**, **Mongoose.js**, **Django ORM**, **Core Data**, **CRUD operations**

Frameworks & Libraries: **Angular**, **React**, **Node.js**, **Socket.IO**, **Express.js**, **Django**, **Flask**

Development Tools: **Git**, **Visual Studio Code**, **Xcode**, **Amazon Web Services (EC2)**, **NGINX**, **Postman**, **Node Package Manager (NPM)**

Miscellaneous: **Agile Scrum Methodology**, **Algorithms and Data Structures**, **Linux/Unix**, **Software Deployment (AWS)**, **RESTful Architecture/API**, **Object Oriented Programming (OOP)**, **Model View Controller (MVC)**, **Microsoft Office**

EXPERIENCE

Web Development Engineer, VeEX Inc., Fremont, CA

Apr 2019 – Present

Freelance Web Developer, Santa Clara, CA

Jan 2018 – Jan 2019

- Built full-stack, modern, responsive web applications while providing quick feedback and support
- Lead a small team in collaboration with clients in order to create websites from the ground up

Research Intern, MissionU, San Francisco, CA

Mar 2017 – May 2017

- Collaborated in a small team to present a roadshow plan to reach out to local schools and community centers for brand launch
- Drafted 4 research documents from various sources that suggest 1.3 million new job postings in 2020 with skills in data science and analytics
- Curated 4 excel spreadsheets containing 151 subject matter experts, employer partner leads, and various professors to gain input on MissionU's curriculum for the data analyst program

Android Developer Intern, Garcon LLC, Santa Clara, CA

Sept 2016 – Dec 2016

- Translated UI mockups into a working, interactive Android application using Android Studio and Java during its early stages
- Designed and created a functional implementation of the mobile application's interface while testing for quality assurance

PROJECTS

Megumi H. — megumihfashion.com

Sept 2018 – Dec 2018

Technologies Used: **React**, **Bootstrap**, **HTML5**, **CSS3**, **JavaScript**, **Responsive Web Design (RWD)**

- Responsive art portfolio displaying photo sets, documentary videos, and online magazine for fashion journalism student

Love Changing the World, Inc. — lovechangingtheworld.org

Jun 2018 – Oct 2018

Technologies Used: **React**, **Redux**, **MongoDB**, **Express**, **Node.js**, **Bootstrap**, **HTML5**, **CSS3**, **JavaScript**, **Google Maps API**, **PayPal API**

- Managed a small team to create a website for the non-profit organization, LCTW
- Uses the PayPal API to exchange donations for branded gifts and Nodemailer to allow visitors to contact organization for multiple tasks

Gym Log — github.com/ccasil/GymLog

Apr 2018

Technologies Used: **Swift**, **Xcode**, **Core Data**, **Auto Layout**

- Personal iOS application to aid in daily workout programs. Includes a user profile, kg/lb conversion calculator, and a log of main lifts

Baskin Robbins Birthday 31 — github.com/ccasil/BRB31

Feb 2018

Technologies Used: **Python**, **Django**, **SQLite3**, **Google Maps JavaScript API**, **Bcrypt**, **HTML5**, **CSS3**, **JavaScript**, **jQuery**, **Bootstrap**, **Object Relational Mapping (ORM)**, **Object Oriented Programming (OOP)**

- Web application tailored to Baskin Robbins fans; displays all available flavors to be added to a 'favorites' list, and uses location to find nearest Baskin Robbins through the Google Maps API

LEADERSHIP POSITIONS & AFFILIATIONS

Lambda Phi Epsilon, Santa Cruz, CA

Mar 2014 – Jun 2016

Webmaster/Academics/Fundraiser Head Chair