**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, LATEX

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](http://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](http://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](http://www.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](http://www.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*