

CESAR KYLE CASIL

Software Engineer

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SUMMARY

I am a Computer Science major practicing full stack development in Python, iOS, and MEAN (MongoDB, Express.js, AngularJS, Node.js) I have experience in working with small teams using agile software programming. My primary goal is to contribute my passion for programming towards a companies' vision while expanding on my technical skills.

EDUCATION

Coding Dojo, Silicon Valley

Apr 2018

- *Certificate of Completion, Full Stack Developer: Python, iOS, and MEAN (MongoDB, Express, AngularJS, 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.

University of California, Santa Cruz

Jun 2016

- *Bachelor of Science, Computer Science*

TECHNICAL SKILLS

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

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

Database: SQL (MySQL, SQLite), NoSQL (MongoDB), Mongoose.js, Django ORM, Core Data, CRUD operations

Frameworks & Libraries: AngularJS, Node.js, Socket.IO, Express.js, Django, Flask

Development Tools: Git, Microsoft Visual Studio, Xcode, Sublime, Amazon Web Services (EC2), NGINX, Postman, NPM

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

EXPERIENCE

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 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

- Programmed Garcon's Android application using Android Studio and Java during its early stages; rewrote the UI layout as well as updated deprecated code

PROJECTS

Gym Log — github.com/ccasil/GymLog

Apr 2018

- Personal iOS application to aid in daily workout programs. Includes a user profile, kg/lb conversion calculator, and a log of main lifts.
- **Technology Used:** Xcode, Swift, Core Data, Auto Layout

Dojo Attendance Tracker — github.com/ccasil/geo_hack

Mar 2018

- iOS application that records the amount of time spent inside Coding Dojo as well as the time spent outside; can be expanded into an attendance tracker for Coding Dojo.
- **Technology Used:** Xcode, Swift, Core Location, Map Kit, AV Foundation, Core Data, Auto Layout

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

Feb 2018

- Web application tailored to Baskin Robbins fans. Allows the user to view all flavor descriptions to be added as a favorite.
- **Technology Used:** Python, Django, SQLite3, Bcrypt, HTML5, CSS3, JavaScript, jQuery, Bootstrap, Object Relational Mapping (ORM), Object Oriented Programming

LEADERSHIP POSITIONS & AFFILIATIONS

Lambda Phi Epsilon, Santa Cruz, CA

Mar 2014 – Jun 2016

Webmaster/Academics/Fundraiser Head Chair