

# 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, Angular, 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 company's 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, 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.

### University of California, Santa Cruz

Jun 2016

- *Bachelor of Science, Computer Science*

## TECHNICAL SKILLS

**Programming Languages:** JavaScript (ES6)/TypeScript, Swift 4, Python, L<sup>A</sup>T<sub>E</sub>X

**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:** Angular, Node.js, Socket.IO, Express.js, Django, Flask

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

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

## PROJECTS

### Gym Log — [github.com/ccasil/GymLog](https://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](https://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](https://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*