

Douglas Silva

2138 Center St. Apt 9

Berkeley, CA 94704

P: (415) 420-9389 | E: silvadouglasw@gmail.com | G: github.com/douglaswsilva

A dark gray square containing the white letters 'DS' in a bold, sans-serif font.

Experience

LSS Tutor, University of California Santa Cruz Santa Cruz, CA

April 2017 - June 2017

Technologies Used: Android Studio, Apache Cordova, Volley Library, VueJS

- Worked for Learning Support Services as tutor for Mobile Applications class.
- Planned and led 6 tutoring sessions per week with 15+ students per session.
- Assisted students with homework, projects, and midterms.
- Sessions included overview of material, theory, and practical exercises.

iOS Developer, Police Strategies Santa Cruz, CA

January 2017 - June 2017

Technologies Used: XCode, Swift, iBeacon, Firebase DB

- Developed iOS application which facilitates interaction between police officers and drivers during traffic stops.
- Designed and implemented noSQL database schema in Firebase.
- Designed app's UI using Sketch.
- Implemented iBeacon technology to trigger app in background.

Projects

SlugSense (Hack UCSC 2017)

iOS and Web Applications: slugsense.herokuapp.com

- Built iOS application for sensor that helps Sustainability Center at UCSC keep track of greenhouse conditions.
- Fetched data from server using JSON and populate charts.

SEAD-Systems

iOS Application: techcrunch.com/video/green-seed-2/57d5c706c4d21f774005cc96/

- Worked on development of application that breaks down energy consumption of home appliances.
- Engaged users with data visualization of their consumption using iOS Charts.

WeEat

Web Application: weeat.tk

- Developed application that allows users to post pictures of their meals and search for images of different types of foods from all over the world.
- Designed front-end using JQuery, Ractive.js, HTML, CSS, and JavaScript.

Skills

Languages: Python, Java, Swift, HTML, CSS, Javascript

Software/ Tools: XCode, Android Studio, Apache Cordova, Git, Sketch

Education

University of California, Santa Cruz

June 2017

Bachelor's Degree in Computer Science — Honors in Major

- Electives included Artificial Intelligence, Mobile Application, Social Networks, Data Analysis and Data Visualization Programming.