

# Sampath Duddu

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## EDUCATION

**UNIVERSITY OF CALIFORNIA BERKELEY**  
**BS IN COMPUTER SCIENCE**  
Graduating May 2018  
College of Engineering

## LINKS

github.com/**dudduss**  
linkedin.com/in/**sampathduddu**  
stackoverflow.com/**sampath-duddu**

## COURSEWORK

Data Structures  
Machine Structures  
Discrete Mathematics  
User Interface Design  
Artificial Intelligence  
Database Systems

## SKILLS

### PROGRAMMING

Java • Python • Swift • Objective-C  
Android • SQL • HTML • CSS  
JavaScript • jQuery • NodeJS  
Flask • UNIX

### TECHNOLOGIES

Postgres • Realm • Parse • AWS  
IBM Watson • HPE Haven  
Tesseract OCR • Drone CI • Yelp API  
Twilio • Braintree SDK • Google Maps  
Amplitude Analytics SDK • Twitter API  
XCode • IntelliJ • Android Studio

## AWARDS

AngelHack NFL Hackathon  
**2nd Place Winner**  
Cal's Venture Capital Pitch Competition  
**2nd Place Winner**  
Cal's Venture Spotlight  
**People's Choice Award**  
TechCrunch Disrupt SF Hackathon  
**Conference Qualifier**

## CAREER INTERESTS

Software Development • Data Analytics  
Product Management • Consulting  
Entrepreneurship • Machine Learning  
Sports (NFL, NBA, MLB, Tennis)

## WORK EXPERIENCE

### CHECKBOOK.IO | SOFTWARE ENGINEERING INTERN

May 2016 – Aug 2016 | Sunnyvale, CA

- Significantly improved usability of Checkbook's dashboard on mobile and tablet devices, which amount to 20% of the total users
- Developed Python script using OCR to read, collect emails of all US Intuit ProAccountants, resulting in campaign that increased signups and transactions
- Integrated Amazon Inspector, Continuous Integration (Drone), and Amplitude Analytics to proactively catch security issues, bugs and problems with usability
- Expanded transaction statistics dashboard to help businesses more accurately keep track of their accounts payable and receivable in Checkbook

### SWITCHFLY | PRODUCT MANAGEMENT INTERN

June 2015 – Aug 2015 | San Francisco, CA

- Performed gap analysis between old platforms and Switchfly's new innovative platform to show potential new clients advantages of using Switchfly
- Set product requirements and features for Switchfly's travel platform based on speaking with current clients and observing user testing
- Researched and compared different A/B testing and web analytics technologies to integration within Switchfly's platform and improve its feedback systems

## PROJECTS

### CASA | LEAD ENGINEER - (ON APP STORE)

Nov 2015 – Present | Berkeley, CA

Website: [www.thecasaapp.github.io](http://www.thecasaapp.github.io)

- Developed Casa, an iOS app that allows users to find and rent many household items. They can also become renters and monetize their homes
- Responsible for establishing app's functionality, integrating technologies (Facebook, Braintree, Amplitude, Twilio SDKs) and developing entire frontend and much of backend. Casa built with Swift, Node.JS, and Postgres
- Winner at Cal's VC Pitch Competition and Cal's Venture Spotlight

### OPTIBOT | TECHCRUNCH DISRUPT SF HACKATHON - (QUALIFIER)

- Developed AI, using IBM Watson, that analyzes user's commands and returns optimal route based on cost, distance and quality metrics

### RUNNING BACK RATING (RBR) | NFL HACKATHON - (2ND PLACE)

- Developed world's first holistic RB statistic. Used Python to analyze and plot large dataset of player location data

## ON CAMPUS

### BERKELEY MOBILE | IOS ENGINEER

Jan 2015 – Present | Berkeley, CA

- Building out iOS app that offers campus information to Berkeley students
- Developed features like displaying real-time transit and gym traffic information, and user favoriting system for dining hall menus (used Realm local storage)

### BEACN | ASSOCIATE CONSULTANT

Oct 2016 – Present | Berkeley, CA

- Work with environmentally focused companies on growth strategies

### CSM | MENTOR

Sep 2015 – Present | Berkeley, CA

- Mentor students weekly in improving their knowledge of data structures