

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](https://www.linkedin.com/in/sampathduddu)
twitter.com/sampathduddu

COURSEWORK

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

SKILLS

PROGRAMMING

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

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
TechCrunch Conference Qualifier

CAREER INTERESTS

Software Development • Web Analytics
Product Management • Entrepreneurship
Machine Learning • Sports Analytics

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

- 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

SPORTS ANALYTICS AT BERKELEY | PROJECT LEADER

Sep 2016 – Present | Berkeley, CA

- Lead team in researching relevant issues in the NFL. Research on free agency rating can be found here: <https://www.dropbox.com/s/3eqyfmy2bhmt9sx/>

BAY AREA ENVIRONMENTAL CONSULTING | PROJECT MANAGER

Feb 2016 – Present | Berkeley, CA

- Work with environmentally focused companies on growth strategies

BERKELEY MOBILE | IOS ENGINEER

Jan 2015 – Present | Berkeley, CA

- Developing iOS app that gives information to students. Developed features like real-time gym traffic information, and library and dining hall menu favoriting