

# VANSH GANDHI

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## Skills

### LANGUAGES

Java/Kotlin (Android)  
Python  
JavaScript (Node.js)  
C/C++  
Bash/Shell  
Swift

### TECHNOLOGIES

RxJava  
Git  
Unix  
REST  
Heroku  
MQTT  
WebSockets

## Experience

### Salesforce

Software Engineer, Intern

Present

- Working on the Security Infrastructure team

### Airbnb

Software Engineer, Intern

Jun 2017 - Sep 2017

- Developed a flow to manage payment methods on the Android app using the MVP architecture with over 90% test coverage
- Shipped production Kotlin code and helped set Kotlin standards for the entire Android team
- Created new backend API endpoint with Ruby on Rails to allow users to edit their payment methods

### AirMap

Software Engineer, Intern

Jun 2016 - Jun 2018

- Developed the Android app from scratch and released on the Play Store with over 200,000 installs
- 99% of users are crash-free, and have an average rating of 4.2 on the Play Store
- Wrote open source Android SDK, used by DJI, Samsung, and hundreds of other developers
- Advised and provided support to drone manufacturers using the SDK within their Android apps
- Made use of RxJava to process complex data flows

### Bakkle

Co-founder

Apr 2015 - Jun 2016

- Created a new, novel, mobile-first approach to buying and selling goods in the hyper-local market
- Developed Android app from ground up, working with iOS team to ensure apps worked together
- Made use of Material Design, Android SDK, Camera API, RESTful APIs, and WebSockets
- Pitched app and business to multiple investors resulting in a trial with Verizon

### Sandia National Laboratories

Software Engineer, Intern

Jun 2014 - Aug 2014

- Created a tool used by all employees to detect unauthorized access of confidential data
- Developed four factor authentication algorithms and presented them at USENIX security conference

## Education

University of California, Los Angeles – Computer Science – GPA: 3.62

Dec 2018

Software Engineering, Machine Learning, Algorithms, Data Structures, Computer Security, Computer Networking, Programming Languages, Computer Organization, Computer Architecture, Finite Languages and Automata

Foothill High School – GPA: 4.19

2015

## Projects

### MacAssistant – 900+ stars on GitHub

Google Assistant for macOS

### Android SDK for Scale API

Android Wrapper SDK for the Scale API

### CARM – Best Communication Hack

Chrome extension that allows you to chat with anyone else that is currently visiting the same website you are

### Captain Marvel – Disney's Best Hack Prize

Facebook Messenger Chat Bot that answers questions about the Marvel Universe

### UCLA Dining

Android app for students at UCLA to view Dining Hall menus, hours, and other relevant information.

## Activities

AIAA (Unmanned Aerial Systems) – Computer Vision

2015 - 2018

IEEE

2015 - 2016

Computer Science Club – President and Co-founder

2013 - 2015

Robotics Club – VP & Lead Programmer

2013 - 2015

- 1<sup>st</sup> place in California, 22<sup>nd</sup> place in the world

## Awards

Filed Patent 0186,640

Filed Patent 29642492