

VANSH GANDHI

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<http://van.sh>

[linkedin.com/in/vanshg](https://www.linkedin.com/in/vanshg)

github.com/vanshg

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

- 1st place in California, 22nd place in the world

Awards

Filed Patent 0186,640

Filed Patent 29642492