


# Varun Arora

varun.arora.me    github.com/avarun42    linkedin.com/in/itsvarunarora    varun.arora@vanderbilt.edu

## EDUCATION

Vanderbilt University — B.S. Computer Science & Math, May 2019 — GPA: 3.5 — Dean's List Spring 2016

## EXPERIENCE

### Software Engineer, Intern      Facebook      Menlo Park, CA      Summer 2017

- Worked on the Messaging Infrastructure: Storage team
- Created data validation tooling for both the queueing and storage layers of Messenger infrastructure, enabling the removal of extraneous fields & resulting in 10% storage savings
- Built end-to-end pipeline to simplify debugging process for on-call engineers, allowing easy identification of issues in production and reducing issue resolution time by 20%

### Software Engineer, Intern      CADRE      New York, NY      Summer 2016

- Created React.js/Redux application for admins to monitor investor activity in company acquisitions
- Increased efficiency of product demo preparation by over 200% by setting up a demo environment and automating its content population with Python
- Restructured custom survey library to allow surveys to be easily created throughout the platform
- Implemented TDD with unit tests and end-to-end tests written in Mocha.js and Nightwatch.js

## LEADERSHIP

### President      VandyApps

- Organized weekly meetings consisting of instructional workshops and tech talks for over 200 members
- Developed and taught an instructional curriculum for the Introduction to Web Development workshop
- Organized tech talks, coding competitions, and hack nights in collaboration with tech companies

### Director of Development      VandyHacks

- Led a team of eight to build the VandyHacks website, application platform, judging platform, hacker notification system, & various tools to aid in the process of running Vanderbilt's largest hackathon

### Founding Student Partner      Contrary Capital

- Led investment decisions for \$10MM portfolio by regularly evaluating investment opportunities
- Organized events to foster the growth of Vanderbilt's technology and entrepreneurship ecosystem

## SELECTED PROJECTS

### Peer Pressure      FiskHacks Spring 2016

- Worked with a small team to create an Android alarm clock app
- Designed and implemented SQLite database to retrieve and store contacts from a user's phone contacts
- Implemented alarm capabilities and feature to call random contact upon snooze using Java

### VandyPlanner      Nov. 15 - Dec. 15

- Worked with a partner to create a mobile course planning assistant
- Created multiple scrapers and parsers for Vanderbilt's course catalog in Node.js, including a course detail parser, and a scraper + parser for the sections being currently taught
- Created query language to allow app to retrieve set of courses from database

## AWARDS & HONORS

FiskHacks Spring 2016 - 1<sup>st</sup> Place

Codeday NY Spring 2014 - 1<sup>st</sup> Place

PennApps Fall 2014 - Intel Internet of Things Award

PennApps Winter 2015 - Honorable Mention for Best Health Hack

## SKILLS

**Languages:** Javascript, C++, Java, Ruby, F#, Python, HTML5, and Bash

**Technologies:** Git, Node.js, React.js, PostgreSQL, MongoDB and the Android SDK