

# Varun Arora

Princeton, NJ

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## EDUCATION

Vanderbilt University — B.S. in Computer Science, May 2019 — GPA: 3.6

- CS 2201 - Program Design & Data Structures (A)
- CS 2231 - Computer Organization (A)

John P. Stevens High School — 2011-2015

## EXPERIENCE

**Software Engineer, Intern; CADRE; New York, NY    Summer 2016**

- Created application for administrators to monitor investor activity in company acquisitions using React.js and Redux
- Increased efficiency of product demo preparation by over 200% by setting up a demo environment and automating its content population with Python
- Demoed features in weekly all-hands meeting to team, board, and investors

**Partner; Contrary Capital; Nashville, TN    May 2016-Present**

- Invest in promising student-founded and led startups on Vanderbilt University campus
- Cultivate an entrepreneurial ecosystem, both on campus and in the wider Nashville community

**Dev Team; VandyHacks; Nashville, TN    February 2016-Present**

- Creating tools for the VandyHacks hackathon to allow for a better hacker experience, including registration website and check-in app

## 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 the user's phone contacts
- Implemented alarm capabilities and feature to call random contact upon snooze using Java

**VandyPlanner    Nov. 15 - Present**

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

**File.ly    HackRU Fall 2014**

- Created a secure and private file-sharing service using 2-factor authentication with a Pebble
- Implemented backend using Node.js and MongoDB to store files and user information, and send emails using SendGrid to file recipients
- Created website front end to upload and download files

## 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, Python, Java, Ruby, C++, HTML5, MIPS, and Bash

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