

# Varun Arora

Edison, NJ

[varunarora.net](http://varunarora.net)  
[github.com/avarun42](https://github.com/avarun42)  
[linkedin.com/in/itsvarunarora](https://linkedin.com/in/itsvarunarora)  
[varun.arora@vanderbilt.edu](mailto:varun.arora@vanderbilt.edu)

## EDUCATION

Vanderbilt University — B.S. in Computer Science, May 2019 — GPA: 3.43

- CS 2201 - Program Design & Data Structures (A)      • EECE 2116 - Digital Logic (in progress)
- CS 2231 - Computer Organization (in progress)

John P. Stevens High School — 2011-2015

## EXPERIENCE

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

- Create tools for the VandyHacks hackathon to allow for a better hacker experience, including registration/check-in app

**Teaching Assistant; Flatiron School; New York, NY      Summer 2014**

- Taught multiple classes of high school students aged 14-18 fundamentals of web development, both front end and back end
- Skills taught include HTML, CSS, Git, and Ruby

## 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:** C++, Java, Javascript, Ruby, HTML5, SQL, and Bash

**Technologies:** Git, Node.js, MongoDB, Bootstrap, Sinatra and the Android SDK