

# Varun Arora

Edison, NJ

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## EDUCATION

Vanderbilt University — B.S. in Computer Science, expected 2019 — Current 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

- AP Computer Science - 5

## EXPERIENCE

**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

**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

**PrePark** PennApps Fall 2014

- Worked with a small team to create an extensible and open parking reservation system
- Created the sensor data retrieval and communication logic with Node.js on the as-yet unreleased Intel Edison
- Implemented backend with a REST API to bridge the parking sensors and the user's phone

**TrackrBot** Codeday NY Spring 2014

- Worked with a small team to create a custom value tracker for the web
- Designed and implemented scraping algorithms to track and store any specific values available on the web
- Implemented using Node.js, MongoDB, and Python

## AWARDS & HONORS

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

Cyber Security FBLA Nationals - 7<sup>th</sup> Place

## SKILLS

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

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