Varun Arora

Edison, NJ

varunarora.net
github.com/avarun42
linkedin.com/in/itsvarunarora
me@varunarora.net

EDUCATION

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

- CS 2201 - Program Design & Data Structures (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 - 1st Place

PennApps Fall 2014 - Intel Internet of Things Award

PennApps Winter 2015 - Honorable Mention for Best Health Hack

Cyber Security FBLA Nationals - 7th Place

SKILLS

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

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