Varun Arora

Edison, NJ

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

- AP Computer Science - 5

EXPERIENCE

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

Software Engineer; Taskloop; Nashville, TN   February 2016-Present

- Worked part time as a backend engineer in order to improve readability and maintainability of existing Javascript codebase
- Implemented error handling, authentication, and emailing mechanisms to increase modularity of code

SELECTED PROJECTS

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, including the course detail parser, and the scraper + parser for the sections being currently taught
- Creating 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

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, SQL, and Bash

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