

Varun Arora

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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

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 - 1st Place

Codeday NY Spring 2014 - 1st 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, MIPS, and Bash

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