

Varun Arora

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EXPERIENCE

Research Assistant; Rutgers Winlab; North Brunswick, NJ Summer 2015

- Worked on Citizen V2V with research group comprised of grad and undergrad students
- Communication between smartphones in moving vehicles to enhance safety

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

- Secure and private file-sharing service using two-factor authentication
- Email link & Pebble authentication code required to access file
- Implemented using Node.js, MongoDB, and SendGrid

PrePark PennApps Fall 2014

- Bringing parking into the 21st century
- Reserve parking spots with the touch of a button
- Implemented using Node.js on an Intel Edison, PHP, MySQL, & C#

TrackrBot Codeday NY Spring 2014

- Custom value tracker for the web
- Any value accessible publicly on the web can be tracked and stored by TrackrBot's custom scraping algorithms.
- 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

EDUCATION

Vanderbilt University — B.S. with majors in Computer Science and Economics, 2015-2019

- CS 2201 - Program Design & Data Structures (in progress)

John P. Stevens High School — 2011-2015

- AP Computer Science - 5

SKILLS

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

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