

# RAJVI MEHTA

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## EDUCATION

**Rutgers University - New Brunswick, NJ** Sept 2015 - May 2019  
Major: Computer Science (BSc.)  
Minor: Mathematics

### Completed / Current(\*) Relevant Courses

Algorithms\*, Software Methodology\*, Intro to CS (Java), Data Structures, Computer Architecture, Data Literacy, Info & Data Management, Prin. of Programming Lang., Discrete Math, Probability, Differential Equations, Multivariable Calculus, MatLab, Digital Logic Design, AP Statistics

## WORK EXPERIENCE

**Microsoft - Applications Team, Incoming Software Engineer Intern** - Redmond, WA (May - Aug. 2018)

- Incoming intern on the applications team

**United Nations - Data Analytics Team, Software Developer & Data Analyst**, (May - Aug. 2017)

- Implemented an interactive map using **R** to help prevent armed conflicts and created prototype in **Tableau**
- Created a predictive model in **R** to forecast the risk likelihood percentage of violence for Kenya's 2017 Presidential elections

**Software Engineer**, InfoSeeking Lab - Rutgers University (Jan. 2015 - Aug. 2017)

- Created a Chrome extension for the NSF program that makes user studies and stores tracked browser data using **Laravel** and **MySQL**
- Developed a Part of Speech Detector API in **Python** for [iris.infoseeking.org](http://iris.infoseeking.org) to categorize words in a document by their part of speech

**Software Engineer**, Visualization Lab - Rutgers University (May - Dec 2016)

- Built a [volcanic explosion simulator](#) that automated simulations with multiple parameters in **MatLab**
- Selected to present the analyzed cause of volcano shapes from the MatLab results at the Geophysical Conference in SF

## LEADERSHIP

**Teaching Assistant for Comp Sci** - Rutgers University (Sept 2016 - May 2018)

- Independently lead 3 recitations for the **Data Structures** and **Intro to Comp Sci** courses in **Java** each for 1.5 hours weekly
- Tutored students in engineering classes including MatLab, Statics, and Physics classes
- Mentor 6 students pursuing computer science

**Vice President, RuMAD** (Rutgers University Mobile App Development club) (Jan. 2017 - present)

- Plan workshops, distribute contracted app development projects to students, and organize the Mobile/IoT Hackathon
- Redesign and maintain the [rumad.us](http://rumad.us) website using **HTML5** and **CSS3**

**Event Coordinator, Veg Society** (Sept. 2015 - present)

- Plan and lead community outreach activities for animal rights including fundraising events to donate profits to rescue shelters
- Managed a vegetarian/vegan challenge for 30+ students looking for a structured plan and created a community for the students

## SKILLS

### Developer Languages:

Java, Python, R, MatLab, MySQL, HTML5

### Software/Tools:

GitHub, Eclipse, Tableau, Firebase, AutoCad

## RECOGNIZED PROJECTS

**Best Twilio Hack and Best RBC Social Hack**, HackRU XIII - Rutgers University (October 2017)

- Created a web application [Text Me\(me\)](#) that can generate memes from the user's voice and then send the meme as a text message to a recipient
- Used PyAudio, OpenCV, Twilio's text messaging API, and Flask

**Placed at PennApps Hackathon** - University of Pennsylvania (Sept 2017)

- Placed **Top 30 out of 158** for creating a mobile and web platform, [911 Safety Net](#), that reduces the amount of time police take to talk to callers
- Used Javascript, Google Maps API, Firebase, and Cordova

**Best Rutgers Hack Award**, HackRU Spring 2017 - Rutgers University (April 22 - 23, 2017)

- Created an iOS mobile application Swipr in Swift that connects students with extra meal swipes to those who need swipes
- Used Google's Firebase, Vonage's sms messaging API, and Rutgers Dining Hall APIs

**Ranked 5th out of 141 on Kaggle for Prediction Puzzle in Data Literacy Course** (April 2017)

- Used data science techniques in R like decision trees and statistical tests to predict students' final grades from a data set

## ACHIEVEMENTS / PROGRAMS

**Anita Borg Institute Grace Hopper Scholar** (October 2017)

- Microsoft Scholarship recipient to attend the Grace Hopper Celebration

**Square College Code Camp, Square Inc.** - Square Office in Atlanta, Georgia (August 2017)

- Selected out of 500+ applicants to attend an immersion program at Square's Atlanta office
- Created a [chome extension](#) that allows people to donate when online shopping more easily, and learned about Square's technology

**Credit Suisse Top Women's Technology Mentor Program** (April - August 2017)

- Chosen from a competitive pool of applicants to learn about tech in the financial services industry
- Built a [messaging web application](#) in a team for the Code Suisse Challenge at the NYC office

// **GitHub**: [github.com/rajvi](https://github.com/rajvi)

// **Kaggle**: [kaggle.com/rajvimehta](https://kaggle.com/rajvimehta)

// **Devpost**: [devpost.com/rajvi](https://devpost.com/rajvi)

// **LinkedIn**: [linkedin.com/in/rajvi-mehta-77269a11a](https://linkedin.com/in/rajvi-mehta-77269a11a)

// **Website**: [rajvi.github.io](https://rajvi.github.io)

Last Updated: 1-11-18

See most updated resume at [rajvi.github.io/resume](https://rajvi.github.io/resume)