RAJVI MEHTA

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WORK EXPERIENCE

Software Developer & Data Analyst, InfoSeeking Lab - UN Headquarters NYC & Rutgers University *(May - August 2017)*
- Implemented a visualization dashboard using R and Tableau for the United Nations to prevent armed conflicts and presented the design to the data analytics team at the UN
- Created a predictive model to forecast the risk likelihood percentage of violence that will result from political events
- Developed the Coagmento web program and chrome extension for the National Science Foundation (NSF) program to track browser data in order easily make and store user studies on Coagmento using Laravel and MySQL

Software Engineer, Visualization Lab - Rutgers University *(May - Dec 2016)*
- Created automated simulations with multiple parameters of volcano explosions on MatLab in collaboration with Dr. Bemis to analyze the cause of volcano shapes
- Selected to present the MatLab research findings at the American Geophysical Conference in San Francisco

Software Engineer, InfoSeeking Lab - Rutgers University *(Jan. 2015 - May 2016)*
- Worked with Professor Chirag Shah to develop the IRIS website, iris.infoseeking.org, which investigated information retrieval and interaction activities
- Created APIs to add to the website's online toolkit, including a Part of Speech detector using Python's NLTK

LEADERSHIP

Teaching Assistant for Computer Science *Classes & Engineering Tutor,* Rutgers University *(Aug. 2017 - May 2018)*
- Independently lead recitations for the Intro to Computer Science CS111 course and lead recitations for the Data Structures CS112 course along side with a PhD student
- Tutored students in engineering classes including Intro to Comp. Eng. in MatLab, Engineering Mechanics, and Physics classes and advised incoming students about engineering

Vice President, RuMAD (Rutgers University Mobile App Development club)   *(Jan. 2017 - present)*
- Plan workshops, distribute contacted app development projects to students, and organize the Mobile/IoT Hackathon at Rutgers
- Redesigned and updated the 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

ACHIEVEMENTS

Anita Borg Institute Grace Hopper Scholar *(July - October 2017)*
- **Full Scholarship** recipient sponsored by Microsoft to attend the Grace Hopper Celebration

PennApps Hackathon Top 30 - University of Pennsylvania *(Sept 2017)*
- Placed Top 30 out of 158 for creating a mobile and web platform that reduces the amount of time police take to talk to callers

Square College Code Camp, Square Inc. - Square Office in Atlanta, Georgia *(August 2017)*
- Selected to be **1 of the 12 engineers** out of 500+ applicants to attend an immersion program at Square's Atlanta office
- Attended leadership sessions, coding workshops, visited start-ups, 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)*
- Selected from a competitive pool of applicants for a program where I learned about tech in the financial services industry, got paired with a mentor, and built a messaging web application in a team for the Code Suisse Challenge while receiving mentorship from sponsors at the NYC office

Best Rutgers Application Award, HackRU Spring 2017 - Rutgers University *(April 22 - 23, 2017)*
- Created an IoS mobile application in Swift that connects students with extra meal swipes to those who need swipes
- Used Google's Firebase database, Vonage's sms messaging API, and the Rutgers Dining Hall APIs

Ranked 5th out of 141 *on Kaggle for Prediction Puzzle in Data Literacy Course* *(April 2017)*
- Used data science techniques like decision trees to predict students' final grades from variables in a given data set

EDUCATION

Rutgers University
New Brunswick, School of Arts & Sciences

Major: Computer Science
Minor: Mathematics

Expected Graduation
Class of 2019
Dean's List
CS GPA: 3.80

Relevant Course Work
- Computer Architecture
- Data Structures
- Data Literacy
- Discrete Math I
- Differential Equations
- Multivariable Calculus
- MatLab
- Digital Logic Design
- AP Statistics

Current Relevant Courses
- Prin. of Info. & Data Management
- Prin. of Programming Languages
- Math Theory Probability

SKILLS
- Java
- Python
- R
- HTML5
- MATLAB
- AutoCad

WEBSITES

GitHub Profile
github.com/RajviM7

Data Science Profile
kaggle.com/rajvimehta

Hackathon Projects Portfolio
devpost.com/RajviM7

LinkedIn
linkedin.com/in/rajvi-mehta-77269a11a

To see a version of my constantly updated resume, go to: rajvim7.github.io/resume