

# Hersh Patel

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## Education

### RUTGERS UNIVERSITY

May 2019

Bachelor of Science:

Computer Science & Economics

Concentrations in:

Data Science & Econometrics

## Skills

### Programming

Java · HTML5 · CSS3 · Swift

Python · Pandas · iPython

NumPy · SciPy · R · SQL

Eclipse · Xcode · RStudio

Bootstrap

Google Analytics

Adobe Photoshop CC

Microsoft Office Suite

Problem Solving

Team Player

Project Management

## Coursework

Data Structures: Java (expected)

Intro to Computer Science: Java

Data 101: R (expected)

Linear Algebra

Multivar. Calc. Honors (expected)

Calculus I & II

Physics: Mechanics

Physics: Electricity & Magnetism

Intro to Microeconomics Honors

Intro to Macroecon. Honors (expected)

## Experience

### ZK TECHNOLOGY | Technology Intern

July 2013 - August 2013 | Piscataway, NJ

- Created a shipping rate calculator to save the company thousands of dollars a year from miscalculated shipping costs
- Analyzed device purchases & graphed purchasing trends of customers
- Developed an electronic sign in and sign out form for inventory control
- Updated firmware on biometric devices

### TEDxRUTGERS | Technology Director

December 2015 - Present | Rutgers University

- Design, develop, & maintain the conference website to handle volunteer registration and ticket selling
- Coordinate all technology related needs for university wide events
- Apart of the organizing team that prepares all event speakers

### MACHINE LEARNING TEAM | Data Analyzer & Team Representative

September 2015 - Present | Rutgers University

- Developing skills in data analysis through Pandas, NumPy, & iPython by extracting information from various data sets
- Extracting data from San Francisco Crime Incident Reports to predict the category of a crime that has occurred for the San Francisco Crime Classification competition

### ALLIANCE OF COMPUTER SCIENTISTS | General Member

September 2015 - Present | Rutgers University

- Attend weekly board meetings to help plan university wide events
- Give series of presentations on web development (HTML, CSS, Java Script)
- Participate in various Hackathons such as HackRU and PennApps

### FREELANCE WEBSITE DEVELOPER | Website Developer & Designer

September 2011 - Present

- Design & develop websites for local organizations and businesses to enhance their role in the community
- Constantly maintain and update clientele websites with innovative web technologies

### BAPS CHARITIES | Regional Core Team

September 2011 - Present | Edison, NJ

- Team of 18 members in charge of leading annual regional conventions which host over 3,000 delegates as well as over 400 volunteers
- Committee member for a national website development team that maintains registration information for national events that attract up to 10,000 people
- Completed over 1,000 hours of community service

## Awards

2015 3rd Place

*Future Business Leaders of America  
Statewide Management Information Systems*

2015 Plenary Speaker at UN Headquarters

*National High School Model United Nations  
(National Championships)*

2015 AP Scholar with Distinction

*College Board*

2014 1st Place

*Future Business Leaders of America  
Statewide Website Design*

2014 National Honor Society

*East Brunswick High School*

2013 3rd Place

*National High School Model United Nations  
(National Championships)*