

# Hersh Patel

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<b>Education</b>	<b>RUTGERS UNIVERSITY – NEW BRUNSWICK</b> Honors Candidate for B.S. in Computer Science and Economics Overall GPA: <b>3.59/4.00</b>			<i>New Brunswick, NJ</i> <i>Sept’ 2015 – May 2019</i>
<b>Professional Experience</b>	<b>NBCUniversal</b>   <i>Big Data Development Intern</i>			<i>Englewood Cliffs, NJ</i> <i>June 2016 – Aug’ 2016</i>
	<ul style="list-style-type: none"><li>• Profiled and administered transactional and log data from Fandango Media using Hadoop, Hive, and UNIX for the Fandango Team, PwC Consulting, and archiving</li><li>• Documented and presented an analysis of data from Fandango Media using SQL and Spark for the purpose of business intelligence and predictive analysis</li><li>• Performed efficiency analysis of the Amazon S3 Cloud to download files to the Hadoop Distributed File System using UNIX and Amazon Web Services</li></ul>			
	<b>Freelance Website &amp; Application Developer</b>   <i>Developer &amp; Designer</i>			<i>East Brunswick, NJ</i> <i>Sept’ 2011 – Present</i>
	<ul style="list-style-type: none"><li>• Developed and designed websites and mobile applications for local organizations and businesses to enhance their roles in the community and improve marketability</li><li>• Projects: Find My Ride (iOS), TED<sup>x</sup>Rutgers (Web), Event Attendance Tracker (iOS), EB Model United Nations Conference (Web), Blackjack (Java), Asteroids (Java)</li></ul>			
	<b>ZK Technology</b>   <i>Technology Intern</i>			<i>Piscataway, NJ</i> <i>June 2013 – Aug’ 2013</i>
	<ul style="list-style-type: none"><li>• Created a shipping rate calculator using JavaScript and information from FedEx, UPS, etc. to save the company thousands of dollars from miscalculated shipping costs</li><li>• Analyzed, graphed, and presented purchasing trends of customers using Microsoft Excel and Powerpoint to improve daily business operations and customer interactions</li></ul>			
<b>Leadership Activities</b>	<b>TED<sup>x</sup>Rutgers</b>   <i>Technology Director</i>			<i>Rutgers University</i> <i>Dec’ 2015 – Present</i>
	<ul style="list-style-type: none"><li>• Developed, designed, and maintained the conference website, using HTML, CSS, JavaScript, and Bootstrap, to handle event logistics, registration, and ticket selling</li><li>• Coordinated all technology related needs, such as live feeds, stage lighting, audiovisual systems, and photography, for university wide events</li></ul>			
	<b>IEEE</b>   <i>Machine Learning Team</i>			<i>Rutgers University</i> <i>Sept’ 2015 – Present</i>
	<ul style="list-style-type: none"><li>• Programmed in Python with Jupyter Notebook using data analysis libraries such as Pandas and NumPy to craft stories from datasets and present them to team members</li><li>• Participated in various Data Science competitions through Kaggle, including the San Francisco Crime Classification and Painter by Numbers competitions</li></ul>			
	<b>Delta Sigma Pi – Professional Business Fraternity</b>   <i>Professional Committee</i>			<i>Rutgers University</i> <i>Feb’ 2016 – Present</i>
	<ul style="list-style-type: none"><li>• Organized networking sessions with Fortune 500 Companies for 106 members</li><li>• Taught new members about professionalism and relevant business topics such as Networking, Accountability, Communication, Big Data, and Investment Banking,</li><li>• Worked with members to revise and perfect their resumes and cover letters</li></ul>			
	<b>BAPS Charities</b>   <i>Regional Core Team</i>			<i>Edison, NJ</i> <i>Sept’ 2011 – Present</i>
	<ul style="list-style-type: none"><li>• Managed a team of eighteen members in charge of leading annual regional conventions which host over 3,000 delegates and 300 volunteers</li><li>• Completed over 1,000 hours of community service in a period of six years</li></ul>			
<b>Distinctions</b>	Top 10 – Google Case Competition		2015   <i>Google Community Leaders Program</i>	
	3 <sup>rd</sup> Place – Management Information Systems		2015   <i>Future Business Leaders of America</i>	
	Plenary Speaker – United Nations Headquarters		2015   <i>National Model United Nations</i>	
	1 <sup>st</sup> Place – Website Design		2014   <i>Future Business Leaders of America</i>	
<b>Skills &amp; Interests</b>	<b>Programming:</b> Java, Python, C, R, SQL, HTML5, CSS3, Swift, JavaScript, Maple, Assembly Language, UNIX			
	<b>Other:</b> Hadoop, Hive, Spark, Amazon S3 Cloud, Eclipse, Xcode, RStudio, Bootstrap, Brackets, Pandas, NumPy, Jupyter Notebook, GeoGebra, Microsoft Office Suite, Adobe Photoshop, Adobe Illustrator, ProPresenter			
	<b>Languages:</b> English (native), Gujarati (native), Spanish (limited conversational ability)			
	<b>Interests:</b> Traveling, Kickstarter, Technology News, Running, Photography, Scenic Driving, Kite Flying			
<b>Relevant Coursework</b>	Data Structures: Java	Data 101: R	Multivariable Calculus Honors	Intermediate Micro. Analysis
	Computer Architecture	Statistics 1	Intro to Linear Algebra	Intro to Discrete Structures 1