

Hersh Patel

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Education	RUTGERS UNIVERSITY Bachelor of Science in Computer Science and Economics, Minor in Mathematics Certification in Quantitative Economics, School of Arts and Sciences Honors Program Coursework: Data Structures, Data Science in R, Computer Architecture, Calculus III Cumulative GPA: 3.74/4.00 , Major GPA: 3.89/4.00	<i>New Brunswick, NJ</i> <i>Sept. 2015 – May 2019</i>
Professional Experience	NBCUniversal <i>Big Data Analyst Intern</i> <ul style="list-style-type: none">Forecasted Fandango Media's customer transactions and business operations by analyzing KPIs developed with Hive, Spark, and Excel in a series of presentationsPerformed efficiency analysis of the Amazon S3 Cloud to download files to the Hadoop Distributed File System using UNIX and Amazon Web ServicesUtilized Hadoop, Hive, and UNIX to profile and administer transactional and log data from Fandango Media for the Fandango and PwC Consulting Teams Freelance Website & Application Developer <i>Developer and Designer</i> <ul style="list-style-type: none">Launched websites and mobile applications for local organizations and businesses to enhance their presence in the community and improve product marketability<i>Projects:</i> TED^xRutgers (Web), Event Attendance Tracker (iOS), Find My Ride (iOS), AmpliFire Entertainment (Web), EB Model United Nations (Web), Blackjack (Java) ZK Technology <i>Technology Intern</i> <ul style="list-style-type: none">Built a shipping rate calculator utilizing JavaScript and information from FedEx, UPS, and DHL to save the company almost \$5,000 from miscalculated shipping costsAnalyzed and visualized purchasing trends of customers using Microsoft Excel and PowerPoint to provide business intelligence and maximize customer satisfaction	<i>Englewood Cliffs, NJ</i> <i>June 2016 – Aug. 2016</i> <i>East Brunswick, NJ</i> <i>Sept. 2011 – Present</i> <i>Piscataway, NJ</i> <i>June 2013 – Aug. 2013</i>
Leadership Activities	TED^xRutgers <i>Vice President</i> <i>Technology Director</i> <ul style="list-style-type: none">Coordinated with teams and organizations regarding event logistics by creating and managing sub-committees to allocate specific responsibilitiesManaged all technology related needs, including website development, live feeds, stage lighting, audiovisual systems, and photography, for university wide events IEEE <i>Machine Learning Team</i> <ul style="list-style-type: none">Interpreted datasets from Kaggle by writing mathematical functions in Python with the use of data analysis libraries such as Anacondas, Pandas, and NumPyDiscovered stories from datasets by examining decision tree models and permutation tests developed through the Random Forest, rpart, and MASS libraries in R Undergraduate Student Alliance of Computer Scientists <i>Peer Mentor</i> <ul style="list-style-type: none">Presented a series of tech talks on website development (HTML, CSS, Bootstrap)Mentored underclassmen students in classes, projects, and professional developmentAttended various Hackathons (PennApps, HackNY, BigRed//Hacks, HackRU) Delta Sigma Pi – Professional Business Fraternity <i>Professional Committee</i> <ul style="list-style-type: none">Executed networking sessions with Fortune 500 Companies for over 100 membersEducated new members about professionalism and relevant business topics such as Networking, Accountability, Communication, Big Data, and Investment BankingPitched ten stocks worth \$100,000 for a 401k retirement fund spanning 30 years BAPS Charities <i>Regional Core Team Lead</i> <ul style="list-style-type: none">Cultivated a team of 18 members in charge of leading annual regional conventions which host over 3,000 delegates and 300 volunteersCompleted over 1,000 hours of community service in a period of 4 years	<i>New Brunswick, NJ</i> <i>Dec. 2015 – Present</i> <i>New Brunswick, NJ</i> <i>Sept. 2015 – Present</i> <i>New Brunswick, NJ</i> <i>Sept. 2015 – Present</i> <i>New Brunswick, NJ</i> <i>Feb. 2016 – Present</i> <i>Edison, NJ</i> <i>Sept. 2011 – Present</i>
Skills & Interests	Programming: <i>Proficient</i> Java, C, Python, R, SQL, HTML, CSS, UNIX; <i>Familiar</i> JavaScript, Swift, IA-32, Stata Other: <i>Proficient</i> Hadoop, Hive, Eclipse, Bootstrap, RStudio, Xcode, Brackets, Maple, Microsoft Office Suite, Adobe Photoshop; <i>Familiar</i> Spark, Amazon S3 Cloud, Pandas, NumPy, Jupyter Notebook, Adobe Illustrator Communication: <i>Native</i> English, Gujarati; <i>Working Proficiency</i> Spanish Interests: Traveling, Kickstarter, Running, Photography, Scenic Driving, Kite Flying, Volunteering	
Distinctions	1 st Place – Global Communications Innovation Project Finalist – Google Case Competition Plenary Speaker – United Nations Headquarters	<i>2016</i> <i>NBCUniversal MediaTech Program</i> <i>2015</i> <i>Google Community Leaders Program</i> <i>2015</i> <i>National Model United Nations</i>