

Hersh Patel

50 Mitchell Ave, East Brunswick, NJ 08816 • (732) 853-3885 • patel.hersh@rutgers.edu
www.hershpatel.com

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 Major GPA: 3.80/4.00	<i>New Brunswick, NJ</i> <i>Sept. 15 – May 19</i>
Professional Experience	NBCUniversal <i>Big Data Development Intern</i> <ul style="list-style-type: none">• Profiled and administered transactional and log data from Fandango Media using Hadoop, Hive, and UNIX for the Fandango and PwC Consulting Teams• Presented an analysis of data from Fandango Media using SQL and Spark to internal consultants for the purpose of business intelligence and predictive analysis• Performed efficiency analysis of the Amazon S3 Cloud to download files to the Hadoop Distributed File System using UNIX and Amazon Web Services Freelance Website & Application Developer <i>Developer & Designer</i> <ul style="list-style-type: none">• Developed and designed websites and mobile applications for local organizations and businesses to enhance their roles in the community and improve marketability• <i>Projects:</i> Find My Ride (iOS), TED^xRutgers (Web), Event Attendance Tracker (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 using JavaScript and information from FedEx, UPS, etc. to save the company thousands of dollars from miscalculated shipping costs• Analyzed and visualized purchasing trends of customers using Microsoft Excel and PowerPoint to improve daily business operations and customer interactions	<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 of Technology</i> <ul style="list-style-type: none">• Developed, designed, and maintained the conference website, using HTML, CSS, JavaScript, and Bootstrap, to handle event logistics, registration, and ticket selling• Managed all technology related needs, such as live feeds, stage lighting, audiovisual systems, and photography, for university wide events IEEE <i>Machine Learning Team</i> <ul style="list-style-type: none">• Programmed in Python with Jupyter Notebook by using data analysis libraries such as Pandas and NumPy to craft stories from datasets and present them to team members• Participated in various Data Science competitions through Kaggle, including the San Francisco Crime Classification and Painter by Numbers competitions 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 development• Attended various Hackathons such as PennApps, HackNY, BigRed//Hacks, HackRU Delta Sigma Pi – Professional Business Fraternity <i>Professional Committee</i> <ul style="list-style-type: none">• Organized networking sessions with Fortune 500 Companies for 106 members• Taught new members about professionalism and relevant business topics such as Networking, Accountability, Communication, Big Data, and Investment Banking• Pitched 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">• Managed a team of eighteen members in charge of leading annual regional conventions which host over 3,000 delegates and 300 volunteers• Completed over 1,000 hours of community service in a period of four 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, HTML5, CSS3, UNIX; <i>familiar</i> JavaScript, Swift, IA-32, Stata Technical: <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 Languages: <i>native</i> English, Gujarati; <i>conversational</i> Spanish Interests: Traveling, Kickstarter, Technology News, Running, Photography, Scenic Driving, Kite Flying	
Distinctions	1 st Place – Global Communications Innovation Project Finalist – Google Case Competition Plenary Speaker – United Nations Headquarters 1 st Place – Website Design	<i>2016 NBCUniversal MediaTech Program</i> <i>2015 Google Community Leaders Program</i> <i>2015 National Model United Nations</i> <i>2014 Future Business Leaders of America</i>