Hersh Patel

50 Mitchell Ave, East Brunswick, NJ 08816 · (732) 853-3885 · phersh05@gmail.com
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** **Coursework:** Data Structures, Data Science in R, Computer Architecture, Calculus III Cumulative GPA: **3.59/4.00**, Major GPA: **3.80/4.00**	*New Brunswick, NJ* *Sept. 2015 – May 2019*
Professional Experience	**NBCUniversal** | *Big Data Development Intern* • Forecasted Fandango Media's customer transactions and business operations by analyzing KPIs developed with Hive, Spark, and Excel in a series of presentations • Performed efficiency analysis of the Amazon S3 Cloud to download files to the Hadoop Distributed File System using UNIX and Amazon Web Services • Utilized Hadoop, Hive, and UNIX to profile and administer transactional and log data from Fandango Media for the Fandango and PwC Consulting Teams	*Englewood Cliffs, NJ* *June 2016 – Aug. 2016*
	Freelance Website & Application Developer | *Developer & Designer* • Launched websites and mobile applications for local organizations and businesses to enhance their presence in the community and improve product marketability • *Projects*: Find My Ride (iOS), TED^{x}Rutgers (Web), Event Attendance Tracker (iOS), AmpliFire Entertainment (Web), EB Model United Nations (Web), Blackjack (Java)	*East Brunswick, NJ* *Sept. 2011 – Present*
	ZK Technology | *Technology Intern* • Built a shipping rate calculator utilizing JavaScript and information from FedEx, UPS, and DHL to save the company almost $5,000 from miscalculated shipping costs • Analyzed and visualized purchasing trends of customers using Microsoft Excel and PowerPoint to provide business intelligence and maximize customer satisfaction	*Piscataway, NJ* *June 2013 – Aug. 2013*
Leadership Activities	**TED^{x}Rutgers** | *Vice President of Technology* • Developed, designed, and maintained the conference website, using HTML, CSS, JavaScript, and Bootstrap, to handle event logistics, registration, and ticket sales • Managed all technology related needs, including live feeds, stage lighting, audiovisual systems, and photography, for university wide events	*New Brunswick, NJ* *Dec. 2015 – Present*
	IEEE | *Machine Learning Team* • Interpreted datasets from Kaggle by writing mathematical functions in Python with the use of data analysis libraries such as Anacondas, Pandas, and NumPy • Discovered stories from datasets by examining decision tree models and permutation tests developed through the Random Forest, rpart, and MASS libraries in R	*New Brunswick, NJ* *Sept. 2015 – Present*
	Undergraduate Student Alliance of Computer Scientists | *Peer Mentor* • Presented a series of tech talks on website development (HTML, CSS, Bootstrap) • Mentored underclassmen students in classes, projects, and professional development • Attended various Hackathons (PennApps, HackNY, BigRed//Hacks, HackRU)	*New Brunswick, NJ* *Sept. 2015 – Present*
	Delta Sigma Pi – Professional Business Fraternity | *Professional Committee* • Executed networking sessions with Fortune 500 Companies for over 100 members • Educated 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	*New Brunswick, NJ* *Feb. 2016 – Present*
	BAPS Charities | *Regional Core Team Lead* • Cultivated a team of 18 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 4 years	*Edison, NJ* *Sept. 2011 – Present*
Skills & Interests	**Programming:** *proficient* Java, C, Python, R, SQL, HTML5, CSS3, UNIX; *familiar* JavaScript, Swift, IA-32, Stata **Other:** *proficient* Hadoop, Hive, Eclipse, Bootstrap, RStudio, Xcode, Brackets, Maple, Microsoft Office Suite, Adobe Photoshop; *familiar* Spark, Amazon S3 Cloud, Pandas, NumPy, Jupyter Notebook, Adobe Illustrator **Languages:** *native* English, Gujarati; *conversational* Spanish **Interests:** Traveling, Kickstarter, Technology News, Running, Photography, Scenic Driving, Kite Flying	
Distinctions	1st Place – Global Communications Innovation Project Finalist – Google Case Competition Plenary Speaker – United Nations Headquarters	*2016 | NBCUniversal MediaTech Program* *2015 | Google Community Leaders Program* *2015 | National Model United Nations*