Hersh Patel

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Education	**RUTGERS UNIVERSITY – NEW BRUNSWICK**	*New Brunswick, NJ*
	Honors Candidate for B.S. in Computer Science and Economics	*Sept' 2015 – May 2019*
	Overall GPA: **3.59/4.00**	

Professional Experience

NBCUniversal | *Big Data Development Intern* — *Englewood Cliffs, NJ* — *June 2016 – Aug' 2016*
- Profiled and administered transactional and log data from Fandango Media using Hadoop, Hive, and UNIX for the Fandango and PwC Consulting Teams
- Documented and presented an analysis of data from Fandango Media using SQL and Spark 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 | *Developer & Designer* — *East Brunswick, NJ* — *Sept' 2011 – Present*
- Developed and designed websites and mobile applications for local organizations and businesses to enhance their roles in the community and improve marketability
- Projects: Find My Ride (iOS), TED^{x}Rutgers (Web), Event Attendance Tracker (iOS), EB Model United Nations Conference (Web), Blackjack (Java), Asteroids (Java)

ZK Technology | *Technology Intern* — *Piscataway, NJ* — *June 2013 – Aug' 2013*
- Created a shipping rate calculator using JavaScript and information from FedEx, UPS, etc. to save the company thousands of dollars from miscalculated shipping costs
- Analyzed, graphed, and presented purchasing trends of customers using Microsoft Excel and PowerPoint to improve daily business operations and customer interactions

Leadership Activities

TED^{x}Rutgers | *Technology Director* — *New Brunswick, NJ* — *Dec' 2015 – Present*
- Developed, designed, and maintained the conference website, using HTML, CSS, JavaScript, and Bootstrap, to handle event logistics, registration, and ticket selling
- Coordinated all technology related needs, such as live feeds, stage lighting, audiovisual systems, and photography, for university wide events

IEEE | *Machine Learning Team* — *New Brunswick, NJ* — *Sept' 2015 – Present*
- 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

Delta Sigma Pi – Professional Business Fraternity | *Professional Committee* — *New Brunswick, NJ* — *Feb' 2016 – Present*
- 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 | *Regional Core Team* — *Edison, NJ* — *Sept' 2011 – Present*
- 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 six years

Distinctions

1st Place – Global Communications Innovation Project	*2016	NBCUniversal MediaTech Program*
Top 10 – Google Case Competition	*2015	Google Community Leaders Program*
Plenary Speaker – United Nations Headquarters	*2015	National Model United Nations*
1st Place – Website Design	*2014	Future Business Leaders of America*

Skills & Interests

Programming: Java, Python, C, R, SQL, UNIX, HTML5, CSS3, JavaScript, Swift, Assembly Language (x86), Stata
Other: Hadoop, Hive, Spark, Pandas, NumPy, Jupyter Notebook, Amazon S3 Cloud, Eclipse, Xcode, RStudio, Bootstrap, Brackets, GeoGebra, Maple, Microsoft Office Suite, Adobe Photoshop, Adobe Illustrator, ProPresenter
Languages: English (native), Gujarati (native), Spanish (limited conversational ability)
Interests: Traveling, Kickstarter, Technology News, Running, Photography, Scenic Driving, Kite Flying

Relevant Coursework

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