# SANJNA VERMA

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## Education

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| **New York University**<br>Class of 2017 | **GPA: 3.4; B.A. Computer Science, Economics; Concentration in Mathematics**<br>*Relevant Coursework includes:* Calculus I-III; Financial Accounting, Data Structures, Computer Systems, Fundamental Algorithms, Linear Algebra, Applied Internet Technology, Natural Language Processing, Quantitative Econ, Discrete Math, Operating Systems, Regression Modeling, Econometrics. Served as <u>Teaching Assistant</u> Calculus I-III, Intro to Python and CS, Data Structures. |
| **Saratoga High School** | **GPA: 3.82/4.0; Class of 2013**<br>Graduated National Merit Scholar Commendations and AP Scholar Commendations. *Past Roles include:* Editor-in-chief (yearbook), Debate Captain, Golf Captain, Leadership Head Commissioner, VP Indian Culture Club, Oncology Research Assistant at Stanford University (08-09, 11-12) |

## Professional Experience

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| **Deloitte Consulting, LLP**<br>New York, NY<br>May '16 – Aug '16 | **Technology Consulting, Software Systems Integration** *Java, HP Application Lifecycle Management*<br>Created quality assurance systems test to ensure security of data transfers, designed wireframes for internal UX projects, introduced product management methods and efficient software practices to client, and made creative assets for client needs. |
| **Microsoft**<br>New York, NY<br>Aug '15 – June '15 | **Student Partner** *Python (SciPy, Pandas), Node.JS, MongoDB, Express*<br>Developed demos and web apps to demonstrate accessible technologies to students and startups in NYC, with an emphasis on financial technology, Internet of Things and virtual reality. |
| **Huffington Post**<br>New York, NY<br>Sept '15 – Present | **Technology and Student Life Writer**<br>Write for Huffington Post and Tech Crunch on technology trends in student/college campus life and lifestyle. Articles curated from personal blog. |
| **Cisco**<br>San Jose, CA<br>May '15 – Aug '15 | **Software Engineering Intern** *Node.JS, MongoDB, D3.JS, Angular.JS, FFmpeg, Go, Python*<br>Constructed wireframes for Cisco TV, implemented Node and Angular web apps for Cisco TV, curated video and visualization effects via FFmpeg and D3, coded data scripts in Python and Go, and worked closely with network engineers to resolve tickets. |
| **VMware**<br>Palo Alto, CA<br>June '14 – Aug '14 | **Program Management Intern** *Python, Java*<br>Developed an end-to-end management system, in Python, for software deficiency monitoring in cloud infrastructure program that assists in data migration; used Bugzilla API to parse data into a simple GUI that exported data into an overview of programmatic inefficiencies. |
| **Infinera**<br>Sunnyvale, CA<br>June '13 – Aug '13 | **Product Management Intern, Software Systems for DTN Chassis** *Excel, SharePoint, Agile Drive*<br>Implemented changes to manufacturing process of DTN chassis that resulted in annual cost savings of $400,000 and analyzed cost structures, sales volumes, and product blueprint configurations through hardware construction process. |

## Project Experience

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| **Rain**<br>Sept '16 – Present | Django-based web app that monitors weather patterns and uses machine learning to automate wardrobe selections. Scaling for ad tech use. |
| **The Emoji Game**<br>May '16 | Node.JS web app that uses D3 and the iTunes API to switch out lyrics of Billboard 100 songs with emoticons. Deployed via Heroku. |
| **Hotel Feels**<br>May '16 | JavaScript based naïve sentiment analysis to identify cohesive sentiments on travel spots, using Twitter API, TripAdvisor API, and Yelp Reviews. |
| **Pilot**<br>Jan '14 – May '16 | Built roadmap to innovative multi-destination mapping mobile app. 1st place Entrepreneurship@NYU; Quarter-Finalist Harvard Women in Business Innovation; Semi-Finalist Princeton Tiger Launch. |

## Leadership Experience

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| **NYUEF/EN**<br>Sept '14 – Present | **President, New York University Entrepreneurs Festival and Entrepreneurs Network**<br>Direct entrepreneurial expo, consisting of keynotes, panels, roundtables, and venture showcases. |
| **SVS**<br>May '15 – Present | **Founder and Vice President (Marketing/Technology), Strategic Venture Society**<br>Identify industry trends and investment portfolios for premier venture capital association at NYU Stern. |
| **Tech@NYU**<br>May '16 | **Director, After Hours**<br>Host workshops, hacker hours, and project creation in efforts to bridge technical gap for students. |
| **EEG**<br>Jan '14 – May '16 | **Vice President, Entrepreneurs Exchange Group**<br>Create marketing material, mentorship opportunities, and workshops for startup ideation. |
| **Delta Sigma Pi**<br>Jan '14 – Jan '16 | **Webmaster, Professional Business Fraternity**<br>Maintain website in HTML5/CSS and create co-sponsorships in data science, analytics, financial engineering. |

## Skills and Interests

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| **Tools & Utilities** | AtTask, VMware Player, vSphere Essentials Kit, Amazon EC2, MS Office Suite, Sharepoint, Bugzilla. |
| **Languages** | Python, Java, Full Mean Stack Web Development (Node JS, React JS, Django, HTML/CSS/JS), PHP, basic familiarity with C; Intermediate/Conversational Spanish and Hindi; Beginner French |
| **Databases** | MS Excel, PowerPivot, Tableau, MS SQL Server, Oracle 9i, MS Access, SQL Server Reporting, Agile |
| **Interests** | Travel, golf, photography, design, dance, Bollywood, Economist, National Geographic, Game of Thrones |