

SANJNA VERMA

sanj@nyu.edu | sanjplusplus.com | github.com/sanjuverm | LinkedIn/SanjnaVerma | (408)-963-8325

Education

New York University **GPA: 3.68; B.A. Computer Science, Economics; Concentration in Mathematics**
Class of 2017
Relevant Coursework includes: Financial Accounting, Data Structures, Computer Systems, Fundamental Algorithms, Linear Algebra, Applied Internet Technology, Natural Language Processing, Quantitative Econ, Discrete Math, Operating Systems, Regression Modeling, Machine Learning, Econometrics. Served as Teaching Assistant and Tutor for Calculus I-III, Intro to Python and CS, Data Structures.

Saratoga High School **GPA: 3.82/4.0**
Class of 2013
Graduated National Merit Scholar Commendations and AP Scholar Commendations

Professional Experience

Deloitte Consulting, LLP **Technology Consulting, Software Systems Integration** **Java, HP Application Lifecycle Management**
New York, NY
May '16 – Aug '16
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 **Engineering Student Partner** **Python (SciPy, Pandas), Node.JS, MongoDB, Express**
New York, NY
Aug '15 – June '15
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 **Technology and Student Life Writer**
Sept '15 – Present
Write for Huffington Post and Tech Crunch on technology trends in student/college campus life.

Cisco **Software Engineering Intern** **Node.JS, MongoDB, D3.JS, Angular.JS, FFmpeg, Go, Python**
San Jose, CA
May '15 – Aug '15
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 **Program Management Intern** **Python, Java**
Palo Alto, CA
June '14 – Aug '14
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 **Product Management Intern, Software Systems for DTN Chassis** **Excel, SharePoint, Agile Drive**
Sunnyvale, CA
June '13 – Aug '13
Built changes to manufacturing process of DTN chassis that resulted in annual savings of \$400,000; analyzed cost structures, sales volumes, and product blueprint configurations of hardware construction.

Project Experience

ColorMix
Dec '16
An iOS/Swift-coded game using sliders and switches to have the user guess the exact combination of RGB values to generate the computer's random color, on a timer. Uses Firebase; available on Github.

Custom Cascades
Oct '16
A Django site and Google Chrome Extension app that uploads custom CSS files to websites and allows user to apply that CSS to the site associated with it. Use of memcached, AWS, PostgreSQL.

Gilmore Girls
Oct '16
A Google Chrome Extension that uses P5.js and the Giphy API that creates an animation and randomly curated Gilmore Girls-themed gif on "new-tab" command in the Chrome browser.

The Emoji Game
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
May '16
JavaScript based naïve sentiment analysis to identify cohesive sentiments on travel spots, using Twitter API, TripAdvisor API, and Yelp Reviews.

Pilot
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

NYUEF/EN **President, New York University Entrepreneurs Festival and Entrepreneurs Network**
Sept '14 – Present
Direct entrepreneurial expo, consisting of keynotes, panels, roundtables, and venture showcases.

SVS **Founder and Vice President (Marketing/Technology), Strategic Venture Society**
May '15 – Present
Identify industry trends and investment portfolios for premier venture capital association at NYU Stern.

Tech@NYU **Director, After Hours**
May '16
Host workshops, hacker hours, and project creation in efforts to bridge technical gap for students.

EEG **Vice President, Entrepreneurs Exchange Group**
Jan '14 – May '16
Create marketing material, mentorship opportunities, and workshops for startup ideation.

Delta Sigma Pi **Webmaster, Professional Business Fraternity**
Jan '14 – Jan '16
Maintain website in HTML5/CSS; create co-sponsorships in data science, analytics, financial engineering.

Skills and Interests

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, National Geographic, memes, Game of Thrones, tiger conservation, Harry Potter fan fiction, journalism