SAAHIL JAIN

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EDUCATION:

Columbia University, The Fu Foundation School of Engineering and Applied Science, New York, NY Expected May 2018
GPA: 3.95/4.00, BS in Computer Science, Minor in Economics
*Highlighted Coursework***:** ML, Deep Learning, NLP, Cloud Computing, Algorithms, Databases, Applied Math courses
Awards: Computer Science Excellency Award (for top 35 Columbia CS students by GPA), Magna Cum Laude, Tau Beta Pi

University School of Nova Southeastern University (High School), **Valedictorian** May 2014

EXPERIENCE:

Microsoft, Redmond, Washington | *Program Manager* August 2018 - Present
- Working as a product manager on the Office 365 machine fabric, building software that automatically detects and remediates hardware issues for hundreds of thousands of machines in datacenters across the world
- Currently driving new machine learning initiatives to teach machines how to repair each other and to improve detection of anomalous machine behavior

IBM Extreme Blue, Research Triangle Park, North Carolina | *Software / Research Intern* May 2017 – August 2017
- Created a 'moonshot' research product that uses machine learning to extract business insights from API data
- Leveraged forecasting for predictions, neural networks for sequence identification, and clustering for user segmentation
- Submitted 4 invention disclosures related to machine learning on API data
- Pitched to senior executives every week, and presented insights at company expo at IBM headquarters in Armonk, NY

Tatonetti Lab at Columbia Medical Center, New York, NY | *Product Development Researcher* January 2017 – May 2017
- Researched and evaluated various database solutions for the Biomedical Data Translator Project, a National Institute of Health project spanning 11 institutions including Columbia Medical Center; drafted product specifications
- Wrote reports on healthcare data mining, including mining FDA adverse drug events to find harmful drug combinations

Société Générale Corporate and Investment Bank, New York, NY | *Software Engineering Intern* June 2016 – August 2016
- Automated quality assurance tests on the trading platform as part of interest rate swaps team in front office technology

Wireless and Mobile Networking Lab, Columbia University | *Undergraduate Researcher* September 2015 – June 2016
- Created software to monitor a discovery algorithm driving interactions between low-power, energy-harvesting devices

ListenMD, Davie, Florida | *Software & Technology Strategy Intern* July 2015 – August 2015
- Implemented features for mobile application; Performed market research on accountable health care organizations

FEATURED PROJECTS:

Ask Alma, Columbia University | *Product Founder, Software Engineer* January 2017 – May 2017
- Led team of 4 to develop a Quora-like community forum for Columbia students / faculty. Defined project scope / requirements. Implemented automatic tagging and personalized topic recommendations with neural net.

Power-Aware Neighbor Discovery for Energy Harvesting Things, Columbia University September 2015 – June 2016
- Co-authored publication accepted to ACM SenSys'16, a leading conference on sensor networks at Stanford. Created monitoring system to visualize and analyze a network of energy harvesting devices in real-time using Python.

Nursing Home Lighting Enhancement, South Florida September 2014 – January 2015
- Created software leveraging Arduinos to alter indoor lighting based on ambient light to improve the sleep quality of residents at a nursing home (backed by research documenting impact of lighting systems on sleep-wake cycles).

LEADERSHIP:

Emerging Scholars Program, Columbia University | *Course Instructor* September 2016 – Present
- Plan and lead group seminar lessons on select fields in computer science, such as AI and human-computer interaction

Columbia Energy Club | *Co-President, Former Head of Research Division* April 2015 – Present
- Organize events showcasing researchers and experts in the energy field for the Columbia community; head recruiting

SKILLS:

Programming Languages: Java, Python, C, **Frameworks:** Tensorflow, Sklearn, AWS, **Languages:** English, Hindi (convers.)