Nishant Jain

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Education

Aug 2014 - May 2018

Yale University - M.S. and B.S. in Computer Science
GPA: 3.94 - CS Major GPA: 3.96 - SAT I: 2400 - SAT II: 2400 (Math/Bio/Chem)
Likely Letter Recipient: Top 150 students out of 31,000 applicants to Yale
TA for CS223, CS112, CS50: host review sections/office hours for 250 students.
Selected Graduate Courses: STAT665: Machine Learning; CS570: Artifical Intelligence; CS625: Advanced Distributed Systems; CS638: Database Architectures; CS534: Networked/Mobile Systems; CS422: Operating Systems; CS365: Algorithms

Experience

May 2017 - Aug 2017

Software Engineering Intern - Google (Cloud - Developers Product Group)
Created new graph algorithms for Android crash testing AI search-agent that are being published in a paper. Doubled number of crashes detected (success metric). Presented to senior Google engineers and won Best Demo award by a popular vote.

May 2016 - Aug 2016

Product Development Intern - Khushi Baby (UNICEF-supported Nonprofit)
Designed and built low-cost Android health records system for infants in Indian villages. Field-tested in rural Rajasthan in preparation for 10,000-patient trial.

May 2015 - Aug 2015

Software Engineering Intern - VMware (Networking and Security Business Unit)
Envisioned and led creation of new logging product, commended by senior VP, filed patent, and nominated for "VMware Intern Prodigy" distinction by management.

Feb 2015 - Present

Co-President & Co-Founder - Yale Undergraduate Research Association
Recruited and led team of 25 to organize Yale's first intercollegiate undergraduate research conference. Raised $20,000 to fund biannual conferences and workshops for thousands of students. Worked closely with senior Yale deans on initiatives.

Jun 2010 - Present

Founder - STC - Android/iOS App Stores
Founded firm which reached 1.7 million users in 80 countries with sizable revenue streams and apps at top of category. Mentored by venture partner at DN Capital.

Research

May 2014 - May 2016

Data Science Intern - Stanford Systems Medicine and Computer Science
Analyzed vast datasets using R to understand mRNA/protein expression relations.

Mar 2013 - Aug 2013

Data Science Intern - Harvard Medical School Bioinformatics (CBMI)
$10,000 MIT RSI Fellowship to create intuitive mobile big-data visualization platform.

Apr 2012 - Apr 2014

R&D Intern - Stanford Engineering and Medical Virtual Reality Labs
Medical augmented reality platform distinguished at top conferences (TIECon and MMVR), covered by media, and recognized in national CS Research competitions.

Awards/Honors

1. **Intel (Westinghouse) Science Talent Search Semifinalist** - Recognized as one of the top CS students in the country for my research on medical augmented reality.
2. **MIT Research Science Institute (RSI) Scholar** - Awarded fully-funded research fellowship based on distinction in computer science. Top 50 out of 3000 applicants.
3. **Top Poster Presenter Award - NextMed MMVR Conference** - Won top presenter award as a high school junior at leading medical virtual reality research conference.

Publications

1. Computational Biology paper in **Nature Scientific Reports Journal.**
2. iOS medical Augmented Reality platform paper in **Wiley Clinical Anatomy Journal.**
3. **Patent filed** on context-enhanced distributed app logging in virtual datacenters.
4. In progress: language/architecture invented for **Internet of Things (IoT)** apps.
5. In progress: paper on graph algorithms for **intelligent app testing** at Google.

Skills & Interests

Java, C, C++, Python, R, Distributed Systems, Big Data/Machine Learning, Android
Distance Running, Mobile App Development, Teaching, Squash, Reading Biographies