Sanjana Rajan

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EDUCATION:

Stanford University September 2010 – Present
- Class of 2014, Prospective Computer Science and Mathematics Major, 3.8 GPA

Gunn High School Class of 2010
- 4.45 GPA with honors
- SAT: 2400/2400

RELEVANT COURSEWORK:

CS: CS107 (Computer Organization and Systems), CS108 (Object-Oriented Programming), CS103 (Mathematical Foundations of Computing), CS109 (Probability and Statistics for Computer Scientists), CS154 (Finite Automata and Complexity Theory)

Math/Engineering: Math51 (Linear Algebra and Matrix Theory), Math 52 (Complex Multivariable Calculus), Math 53 (Differential Equations), Engr40 (Introductory Electronics), Engr62 (Optimization Theory)

RELEVANT WORK/VOLUNTEER EXPERIENCE:

Technovation Challenge (October 2010 – present)
- Lead Stanford Intern – Teach and mentor a team of high school students to write Android applications to compete for the opportunity to have them developed and sold. Also responsible for recruiting high school students and other Stanford interns.

EPGY Summer Institutes Teaching Assistant (June 2011 – August 2011)
- Served as a teaching assistant for middle and high school students in an introductory Java and robotics course – gave short presentations, graded programs, etc. Also lectured for several of the classes.

High School Teaching Assistant (2009-2010)
- Assisted with grading papers, provided one-on-one tutoring, and held lectures for a 10th grade geometry class

AWARDS/HONORS:
- National Merit Scholar (2010)
- AP Scholar with Distinction (College Board, 2010)
- Bank of America Certificate of Achievement in Mathematics (2010)
- Department Awards in Mathematics, Biology, and Foreign Language (2007-2010)

SKILLS:
- Fluent in English, Spanish
- Proficient in Java, C++, C

STATEMENT OF TECHNICAL INTEREST:
As a computer science and mathematics major, I am particularly interested in the intersection between these two fields. I have completed a lot of coursework in algorithm development and the more theoretical side of computer science. However, I also have experience programming in Java, C++, and C on large projects, and enjoy using these skills to solve interesting problems. I am still at the early stages of my education and career, and would love the opportunity to explore a new field.

AVAILABILITY:
I am available from June 20th to September 10th, but these dates are somewhat flexible.