Neena Parikh

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Education	**Massachusetts Institute of Technology**, Cambridge, MA	June 2014
	Candidate for Bachelor of Science in Computer Science and Engineering	GPA: 4.7/5.0

Relevant Coursework: Introduction to Electrical Engineering and Computer Science I and II (Digital Communication Systems), Mathematics for Computer Science, Software Construction, Probability and Random Variables*, Computation Structures*, Introduction to Algorithms*, User Interface Design and Implementation*, Communicating with Mobile Technology*
(* current class)

	Park Tudor School, Indianapolis, IN	June 2010
		GPA: 4.3/4.0

Honors / Awards: Cum Laude Society Induction, National Merit Finalist, National AP Scholar, Siemens Science Competition Semifinalist, Phi Beta Kappa Award

Experience	**Biomedical Cybernetics Lab, MIT / Harvard**	April 2011 – present
	Undergraduate Researcher	

Created a pipeline to generate Bayesian networks related to diseases using publicly available expression data. Primary author of conference paper, "An Automated Framework for Integrative Gene Expression Analysis and Predictive Medicine," accepted for 2012 AMIA Summit on Translational Bioinformatics

	Music21 Computer-Aided Musicology Toolkit, MIT	December 2010 – September 2011
	Undergraduate Researcher	

Contributed to numerous musicology projects. Coauthor of conference paper, "Feature Extraction and Machine Learning on Symbolic Music Using the music21 Toolkit," submitted to 4th International Workshop on Machine Learning and Music

	Speech and Mobility Group, MIT Media Lab	January 2011 – June 2011
	Undergraduate Researcher	
	Assisted with development and testing of an indoor navigation system	

Projects	**6.470 Web Programming Competition, MIT**	January 2012
	Designed and developed a dynamic, database-backed website on the theme of politics	

Skills	**Computer Skills:** Java, elementary Python; basic knowledge of HTML, CSS, JavaScript / JQuery; Adobe Photoshop
	Foreign Languages: Spanish

Leadership	**Society of Women Engineers** – Co-Chair of Professional Development	August 2011 – present
	MIT Maseeh Hall – Associate Advisor to Dean Daniel Hastings	August 2011 – present
	Alpha Phi Sorority – Director of Scholarship	August 2010 – present

Interests	Musical Performance and Composition, Tennis, Visual Arts / Design