

Nandi Bugg

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Education	Massachusetts Institute of Technology (MIT) Candidate for Bachelor of Science in Electrical Engineering and Computer Science	Cambridge, MA June 2012
	<ul style="list-style-type: none">Relevant Coursework: Introduction to EECS, Circuits and Electronics, Differential Equations, Introduction to Electricity and Magnetism, Fundamentals of Computational Media Design, Sensation and Perception	
	High School for Math, Science, and Engineering at City College (HSMSE@CCNY)	New York, NY June 2008
	<ul style="list-style-type: none">Salutatorian, Outstanding Student throughout High School Award, National Honor Society Member	
Experience	Massachusetts Institute of Technology MIT, Affective Computing Research Group	Cambridge, MA March 2009 – Jan. 2010
	<ul style="list-style-type: none">Gathered video data for customer/employee affect experiment; results published in conference paperRecruited Participants for study; 140 people completed financial fear affect experimentEdited, organized, and plotted data for supervisor's master's thesisWrote HTML code for survey screening website	
	Massachusetts Institute of Technology MIT, Department of Materials Science and Engineering Research Assistant	Cambridge, MA Oct. 2008 – Jan. 2009
	<ul style="list-style-type: none">Prepared PowerPoint presentations for a professor in Materials Science and Engineering/ArchaeologyFixed computer problems such as virusesResearched Mesoamerican culture, restored images and articles for class materials, syllabus completedPosted assignments on Stellar Platform, a class management website	
Activities/ Interests	W.i.S.E (Women in Science and Engineering) Mentor	Cambridge, MA Oct. 2009 - Present
	<ul style="list-style-type: none">Advised high school girls on college application process, career options in science and engineering	
	MIT Folk Dance Club Treasurer	Cambridge, MA May 2009 – May 2010
	<ul style="list-style-type: none">Processed purchase orders for equipment and club events	
	FIRST Robotics Team (For Inspiration and Recognition of Science and Technology) Head of Electrical and Pneumatic Systems	New York, NY Jan. 2006 – June 2008
	<ul style="list-style-type: none">Designed electrical and pneumatic systems to power robot, accounting for special featuresCollaborated with 19 teammates to determine what features needed to be built for robot	
Skills	Language: Basic German Programming: Basic Python Computer: Autodesk Inventor, Adobe Photoshop, PowerPoint, Excel, and Adobe Acrobat Machining: Water Jet Machine, Laser Cutter, Drill Press, Band Saw, and Miter Saw	