

Sresht Rengesh

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EDUCATION	Massachusetts Institute of Technology GPA: 4.800/5.0 Candidate for BS in Computer Science and Economics <i>Relevant Coursework:</i> Algorithms I, Artificial Intelligence, Introduction to Macroeconomics, Economic Modeling, Entrepreneurship and Innovation	Cambridge, MA Jan 2015
	Avondale High School GPA: 4.3256 on a weighted 4.0 scale Graduated as Salutatorian	Auburn Hills, MI May 2011
WORK EXPERIENCE	Yazaki, North America <i>Design Release Engineering Intern</i> <ul style="list-style-type: none">•Implemented scripts and macros in PHP and VBA to automatically and efficiently download, read, and parse new design releases•Reorganized the BEAMS components database for easier accessibility•Frequently worked on-site with General Motors in Warren, MI	Canton, MI Jun 2012 – Sept 2012
	Massachusetts Institute of Technology <i>MIT Media Lab -- Fluid Interfaces Group and SixthSense Technologies</i> <ul style="list-style-type: none">•Worked towards the development of reality-augmenting eyewear•Expanded the Touchless library to recognize four new gestures•Created a gesture to automatically place an emergency call when the user is	Jan 2012 – Jun 2012
RESEARCH	<i>Easy Alliance</i> <ul style="list-style-type: none">•Implemented alternative UIs on common Consumer Electronics and Home Appliances (CEHA devices) to increase accessibility for the disabled and elderly•Featured in the 2011 Consumer Electronics Show in Las Vegas, NV	Sept 2012 – Jan 2012
	Oakland University <i>Laboratory of Materials Science and Engineering</i> <ul style="list-style-type: none">•Designed a system of piezoelectric-magnetostrictive composites that can harvest electrical energy through mechanical force•Finalist in the 2011 Siemens Competition and published in national journals	Sept 2009 – Jan 2011
PUBLICATIONS	<i>Bending Resonance in a Magnetostrictive-Piezoelectric Bilayer and Magnetoelectric Interactions.</i> Integrated Ferroelectrics, 2011. <i>Magnetoelectric Coupling in Trilayers of Piezoelectrics and Magnetization Graded Alloys.</i> Journal of Applied Physics, 2011.	
HONORS AND AWARDS	<ul style="list-style-type: none">•Quarterfinalist, Jeopardy! College Tournament•Regional Finalist, Siemens Science and Technologies Competition•Participant, Telluride Association Summer Program•Top 100 Finalist, Michigan Mathematics Prize Competition	2011, National 2010, National 2010, International 2008-10, Local
SKILLS	Communication Languages: English, Tamil, French Computer Languages: Python, Some C++, Some Java, JavaScript, HTML/CSS, PHP, MySQL, VB, VBA Applications: Microsoft Office, GIMP, Inkscape, LaTeX Operating Systems: Ubuntu, Windows, PC Linux	
ACTIVITIES	MIT Energy Club -- Treasurer and Campus Relations Chair MIT Club Tennis -- Co-Founder	