ANGELA J. CHU

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EDUCATION

Massachusetts Institute of Technology | Cambridge, MA
o   Class of 2014, GPA: 5.0/5.0
o   Candidate for Bachelor of Science in Mechanical Engineering
o   Minor in Architecture
o   Relevant Coursework:
Design and Manufacturing I & II, Electronics for Mechanical Engineers, Mechanics and Materials I, Dynamics and Controls I, Thermal Fluid Engineering I & II, Intro to Design Computing, Architecture Design Fundamentals I

Stuyvesant High School | New York, NY
o   Class of 2010, Top 5% of Class, GPA: 3.9/4.0
o   SAT Reasoning Test: 2400/2400

EXPERIENCE

Goddard Technologies, Inc. | Beverly, MA
Mechanical Engineering Intern
Summer 2012
o   Worked on variety of product design consulting projects
o   Engaged in concept generation and prototyping
o   Developed manufacturing-ready CAD designs

MIT Department of Art, Culture and Technology
Project Collaborator
Spring 2012 – Present
o   Worked on exhibition on display in Austria
o   Rapid prototyping with paper, cardboard, wood, textiles
o   Creating digital designs on AutoCAD and Rhino software

MIT Department of Electrical Engineering and Computer Science
Lab Assistant for 6.00: Intro to Comp Sci & Programming
Fall 2012
o   Conveyed course material and explained concepts to students during office hours
o   Debugged and tested code

MIT Department of Mechanical Engineering, Ideation Lab
Undergraduate Researcher
Summer 2011
o   Worked on two research projects dealing with cross-cultural prototyping strategies and material availability
o   Developed user profiles and experiment prompts
o   Ran experiments with human subjects and analyzed the resulting data

ACTIVITIES

International Design Contest Robocon 2012 – Participant
2.007 Robotics Competition 2012– 4th Place Winner
6.270 Autonomous Lego Robot Competition 2012 – 4th Place Winner
Trashion Show 2011- 1st Place Winner
Sigma Kappa Sorority - Vice President of Alumni Relations
MIT Technique - Photographer

SKILLS

CAD Software: Rhinoceros, OMAX, AutoCAD, Solidworks
Design Software: Photoshop, Illustrator
Machining: Milling, lathing, laser cutting, water jetting, smaller machine shop tools
Microcontrollers: Arduino software
Programming Languages: Python