Michelle Chen

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EDUCATION

Massachusetts Institute of Technology   *June 2014*
- B.S. Electrical Engineering and Computer Science   CAMBRIDGE, MA
- Relevant Coursework: Multivariable Calculus, Physics I and II, Introduction to Electrical Engineering and Computer Science

Torrey Pines High School   *June 2010*
- Relevant Classes: Linear Algebra and Advanced Topics in Math (Independent   SAN DIEGO, CA Study using Mathematica)
- Relevant Honors: Top 20 in International All-Star Contest (2009) for American Computer Science League (ACSL); Vice President of ACSL; National AP Scholar

EXPERIENCE

MIT Media Lab – Information Ecology Group   *Jan. 2011—Present*
Undergraduate Researcher   CAMBRIDGE, MA
- Rendered graphics on PyOpenGL for a Bidirectional screen

San Diego Supercomputer Center   *Oct. 2009—Aug. 2010*
Programming Intern   SAN DIEGO, CA
- Modeled Japanese internment camps for a role-playing game using Autodesk Maya

Google Computer Science Summer Institute   *July—Aug. 2010*
Team Member   MOUNTAIN VIEW, CA
- Designed web application allowing users to submit and collaborate on different recipe ideas using Python and HTML on Google App Engine

UC San Diego Mechanical and Aerospace Engineering Department   *Sept. 2008—Mar. 2010*
Engineering Intern   SAN DIEGO, CA
- Programmed Lego Mindstorm Bricks to build kinetic sculptures for elementary school students
- Presented project at San Diego High Tech Fair, San Diego Science Festival, and EureKA (Engineering Undergraduate Research and Konference Assembly) at the annual UCSD conference

COMPUTER AND TECHNICAL SKILLS

- Languages: Proficient in Python and Java; Familiar with C, BASIC ATOM, Lego NXC, LabVIEW and HTML
- Software: Proficient in Mathematica (Advanced Foundations Level); Familiar with Autodesk Maya, AutoCAD and WorkingModel2D
- Currently learning PyOpenGL, PHP, Linux, and programming on Android OS

ACTIVITIES AND AWARDS

6.470 (MIT Web Programming Competition) Honorable Mention Award   *Jan. 2011*
Engineers Without Borders, MIT   *Sept. 2010—Present*
Society for Women Engineers, MIT   *Sept. 2010—Present*
- Admiral Grace Murray Hopper Scholarship Award for academic achievements

MIT Sport Tae Kwon Do Club   *Sept. 1997—Present*
- 3rd Degree Black Belt

McCormick Hall Dormitory, Athletic Chair   *Jan. 2011—Present*
Girl Scouts of the USA Gold Award (Highest Honor)   *Aug. 2009—Apr. 2010*