

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 Study using Mathematica) SAN DIEGO, CA
 - Relevant Honors: Top 20 in International All-Star Contest (2009) for American Computer Science League (ACSL); Vice President of ACSL; National AP Scholar
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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 Conference Assembly) at the annual UCSD conference
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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
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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. 2010–Present

Girl Scouts of the USA Gold Award (Highest Honor)

Aug. 2009–Apr. 2010