

Michelle Chen

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EDUCATION

Massachusetts Institute of Technology

June 2014

- Bachelor of Science in Electrical Engineering and Computer Science, GPA: 4.4/5.0
- Relevant Coursework: Multivariable Calculus, Physics I and II, Introduction to Electrical Engineering and Computer Science, Computation Structures, Mathematics for Computer Science, Engineering Innovation and Design, Engineering Leadership Lab

Torrey Pines High School

June 2010

- Relevant Honors: Top 20 in International All-Star Contest (2009) for American Computer Science League (ACSL); Vice President of ACSL; National AP Scholar

EXPERIENCE

TripAdvisor, Inc. – Sales, Marketing and Engagement Team

May–Aug. 2011

Software Engineering Intern

- Utilized Apache Hive to aggregate information from the Hadoop cluster to assist with the company's plan for social engagement and integration
- Improved mapping rate from Facebook Graph API Ids to TripAdvisor Id database by 5 percent

MIT Media Lab – Information Ecology Group

Jan.—June 2011

Undergraduate Researcher

- Rendered graphics on PyOpenGL for a Bidirectional screen

San Diego Supercomputer Center

Oct. 2009–Aug. 2010

Programming Intern

- Modeled Japanese internment camps for a role-playing historical game using Autodesk Maya

University of California San Diego

Sep. 2008–Mar. 2010

Mechanical and Aerospace Engineering Department

Engineering Intern

- 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, PHP, PyOpenGL, and HTML
- Software: Proficient in Mathematica (Advanced Foundations Level); Familiar with Autodesk Maya and AutoCAD
- Currently learning Apache Hadoop, Linux, and programming on Android OS

ACTIVITIES AND AWARDS

MIT Engineers Without Borders, Project Lead for Kenya Showergy team

Sept. 2010–Present

MIT Sport Tae Kwon Do Club, Fundraising Chair

Aug. 2010–Present

- 3rd Degree Black Belt

Sept. 1997–Present

McCormick Hall Dormitory, Athletic Chair

Jan. 2011–Present

MIT Society for Women Engineers

Sept. 2010–Present

- Admiral Grace Murray Hopper Scholarship Award for academic achievements

6.470 (MIT Web Programming Competition) Honorable Mention Award

Jan. 2011

Google Computer Science Summer Institute

July–Aug. 2010

Girl Scouts of the USA Gold Award (Highest Honor)

Aug. 2009–Apr. 2010