# Eric Gan

ercgn.com


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Carnegie Mellon University
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**Skills:**
Python, C, Standard ML, HTML, CSS, JavaScript (jQuery), Mac OS X, Windows 7, MATLAB, Conversational Mandarin

**Interests:**
Christianity, guitar, violin, a cappella, design, tennis,

**Ongoing Coursework:**
11-411: Natural Language Processing
15-210: Parallel Structures & Algorithms
15-462: Computer Graphics

**Completed Coursework:**
15-251: Great Theoretical Ideas
15-359: Probability and Computing
15-213: Computer Systems
21-295: Putnam Seminar
21-241: Matrix Theory

I strive to enhance the world through technology. Whether it is devising a more efficient algorithm or designing an innovative user interface, I find technology a gateway for improving and unifying the international world.

## Education:

### Carnegie Mellon University | May 2016
B.S. in Computer Science
Minor in Mathematics
Cumulative GPA: 3.85/4.00
Dean's List Semesters 1 through 3

## Experience:

### SRI International (Sarnoff)
Summer 2013 | Princeton, NJ
Student Associate Intern on the Vision Technology team.
Designed web app to expedite manual video training for a Computer Vision project on automated video tagging.

### Private Mathematics Tutor
Spring 2012 | Plainsboro, NJ
Tutored over four students ranging from middle to high school in mathematics topics from Algebra II to Calculus BC.

## Projects:

### Free-Time Finder
Spring 2014 | C
Programmed a hack that takes multiple calendars (*.ics) and outputs a calendar of mutual non-conflicting events. Tartanhacks 2014

### AZURE Video Annotation App
Summer 2013 | HTML, CSS, JavaScript
Created a web app with custom video control tools to expedite processing of videos stored on a server.

### Avalanche Game
Fall 2012 | Python
Designed a vertical platformed arcade game. First exposure to object-oriented programming.

### Preemptive Goal Programming Modeling
Summer 2011 | MATLAB
For a project at Gov School of Engineering and Technology, designed a model-based plan to minimize heat-related illness in Newark, NJ.