

# Eric Gan

ercgn.com

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.

## Contact:

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Carnegie Mellon University  
SMC 1731  
5032 Forbes Ave.  
Pittsburgh, PA 15289

## 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

## 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.