

# Eric Gan

ercgn.com

I strive to enhance the world through technology. Whether it is coming up with a more efficient algorithm or designing an innovative user interface, I find technology a prominent way to improve and unify the international world.

## Contact:

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

## Skills:

C, Python, Standard ML  
HTML, CSS, JavaScript,  
Mac OS, Windows 7, Git, LaTeX,  
Conversational Mandarin

## Interests:

Christianity, guitar, a cappella,  
design, tennis, cross country

## Ongoing:

15-359: Probability and Computing  
15-150: Functional Programming  
15-213: Computer Systems  
21-295: Putnam Seminar

## Completed:

15-251: Great Theoretical Ideas  
15-122: Imperative Computation  
15-112: Fundamentals of Programming  
21-242: Matrix Theory

## Education:

### Carnegie Mellon University

Pittsburgh, PA - (Expected Year of Graduation: May 2016)  
B.S. in Computer Science  
Minor in Human-Computer Interaction and Mathematics  
Cumulative GPA: 3.89/4.00

### West Windsor-Plainsboro High School North

Plainsboro, NJ - (Graduated June 2012)  
Overall GPA: 3.86/4.00 (unweighted), 4.61/5.00 (weighted)

## Experience:

### SRI International (Sarnoff) - Princeton, NJ (Summer 2013)

Student Associate Intern on the Vision Technology team.

Designed web app to expedite video processing for a Computer Vision project on automated video tagging.

### Private Mathematics Tutor - Plainsboro, NJ (Spring 2012)

Tutored over four students ranging from middle to high school in mathematics topics from Algebra II to Calculus BC.

## Projects:

### AZURE Video Annotation Tool (Summer 2013)

Created a web app with custom video control tools to expedite processing of videos stored on a server. (HTML, CSS, JavaScript)

### Avalanche Game (Fall 2012)

Designed a vertical platformer arcade game. First experience exploring Objected-Oriented Programming. (Python)

### Sokoban Game (Fall 2012)

Recreated a classic Japanese puzzle game for a small three-hour Hackathon contest. (Python)

## Achievements:

### Carnegie Mellon University

Dean's List: Semesters 1 and 2

### New Jersey Governor's School of Engineering and Tech.

Wrote a research paper and designed a model of a course of action to minimize heat-related illnesses in Newark, NJ, with a team of four people. (Summer 2011)