Eric Gan

ercgn.com

Contact:
eric@ercgn.com
ericgan@andrew.cmu.edu

+1 (732) 647 5191

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

Skills:
C, Python, Standard ML, HTML, CSS, JavaScript (jQuery), Mac OS X, Windows 7, Linux, Git, Conversational Mandarin

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

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

Completed Coursework:
15-251: Great Theoretical Ideas
15-122: Imperative Computation
15-112: Fundamentals of Programming
21-242: 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
Pittsburgh, PA - Expected Year of Graduation: May 2016
B.S. in Computer Science
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 platformed arcade game. First experience exploring Object-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

NJ Governor's School of Engineering and Technology
With a team of four, wrote a research paper and designed a mathematical mode of a course of action to minimize heat-related illnesses in Newark, NJ. (Summer 2011)