Eric Gan

ercgn.com

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Carnegie Mellon University
SMC 1731
5032 Forbes Ave.
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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

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.

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)