Eric Gan

ercgn.com

I am passionate about software that benefits the social good. Whether it is devising a more efficient algorithm or designing an intuitive user interface, I find technology a gateway to unifying the international world.

Contact:

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

Skills:

Python, C/C++, Standard ML, HTML, CSS, JavaScript/TypeScript, Mac OS X, Windows, Conversational Mandarin

Interests:

Christianity, guitar, violin, a cappella, design, tennis

Ongoing Coursework:

Operating Systems
Undergraduate Complexity Theory
Interaction Design Overview

Completed Coursework:

Natural Language Processing
Parallel Structures & Algorithms
Probability and Computing
Computer Graphics
Computer Systems

Education:

Carnegie Mellon University (May 2016)

B.S. in Computer Science
Minor in Human-Computer Interaction and Mathematics
Cumulative GPA: 3.75/4.00
Dean's List Semesters 1 through 3

Experience:

Microsoft

Summer 2014 | Redmond, WA
Explorer Intern on the New Experiences team.
Designed UI improvements and created a ranking system for best questions from user inputs for Power BI Q&A.

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.

Projects:

Power BI Q&A

Summer 2014 | TypeScript
Redesigned UI/UX for Q&A collage homepage to improve navigation, and Q&A help sidebar to include metadata of preloaded workbooks.

Q&A Robot

Spring 2014 | Python
Used NLP to create machine-generated questions, and machine-generated answers to human questions for Wikipedia articles.

Free-Time Finder

Spring 2014 | C
Programmed a hack that takes multiple calendars (*.ics) and outputs a calendar of mutual non-conflicting events, for 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.