

Young Jin Yun

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Education

University of California, San Diego

Expected Graduation: 2018

Computer Engineering (CSE)

GPA: 3.509

Relevant Coursework:

Data Structures & OOD: Performed case study analysis of approaches to Object-Oriented design in C, C++, Java, to recommend which approaches are best suited to solve programming problems. Projects involved implementing a stack-based calculator that evolved to utilize binary trees, circular linked lists, and hash tables, as well as analyzing each data structures' Big Oh efficiencies.

Algorithms & Systems Analysis: Mathematical tools for qualitative/quantitative analyses of algorithms and computer systems. Also explores mathematical theory of discrete structures useful for modeling and designing computational processes. Topics covered: enumeration, recurrence relations, graph theory, asymptotic notation, discrete probability.

Computation Organization & Systems Programming: Study of specific architecture/machine with emphasis on systems programming in C and Assembly with SPARC in a Unix environment. Topics covered include stack frame implementation in runtime (text/data/BSS/heap/stack), internal storage representation (byte ordering).

Intro to Analog Design: Fundamental circuit theory concepts, Kirchoff's voltage & current laws, Thevenin's and Norton's Theorems, loop and node analysis, time-varying signals, transient first order circuits, steady-state sinusoidal response. Included lab experience with equipment such as volt/ammeters and function generators.

Other courses: Intro to CS & OOP (Java), Software Tools & Techniques Laboratory (git, gdb, jdb, Makefile, bash)

Personal Projects

Personal Website

- Used Bootstrap, Javascript, CSS, HTML in order to create a personal website from scratch in one night at UCLA's Hackathon. Visit me at www.youngjinyun.com!

Data-Driven Documents (ongoing)

- Rudimentary intro-level dabbling in D3.js used along with Riot Games API to display player information in a creative manner.

STEM Experience

Financial Team for SDHacks

2014-2015

- Worked with other student organizers to plan and make possible UCSD's first official hackathon. Responsibilities included securing venues and sponsors for more than \$300,000. SDHacks is expected to debut next Fall Quarter 2015.

FTC Robotics

2012-2014

- Engineered solutions to integrate intuitive control schematics and structural robotic functions.
- Helped raise \$1000+ in corporate donations from businesses ranging from Portwell Technology to the local daycare.

Work Experience

Energy Specialist, Rising Sun Energy Center

Summer 2014

- Distributed and installed energy-saving appliances such as LED light bulbs, CFL torchieres, aerators to over 360 households in the Fremont area.
- Extensively used communication skills to perform outreach to underprivileged clients at Tri-City Food Bank and thrift stores.

Skills

- Very familiar with C++/C, Java, vim, git.
- Worked extensively with Linux, iOS, Windows.
- Experience with Swift, Javascript, CSS, Bootstrap, Emacs, Eclipse,
- Some familiarity with MySQL, Python

Activities

Hackathons: HackSC 2014, LAHacks 2015, SDHacks 2015 (planned)

FOOSH!: UCSD's premiere Improv Comedy club