

Donald Huang

Education

- 2014 **Bachelors in Computer Science**, *Carnegie Mellon University*, Pittsburgh, PA.
GPA: 3.62
- 2010 **High School**, *Baldwin High School*, Pittsburgh, PA.
National Merit Scholar

Work Experience

- 2012 **15-213 Teaching Assistant**, *Carnegie Mellon University*, Pittsburgh, PA.
Introduction to Computer Systems: an introduction to C and systems programming
- 2012 **Software Engineer Intern**, *Facebook*, Menlo Park, CA.
Worked on voice messaging in the Android client for Facebook Messenger
- 2011 **Software Engineer Intern**, *Factual*, Los Angeles, CA.
Worked on designing and creating a task queuing system in Java and Clojure
- 2010 **15-110 Course Assistant**, *Carnegie Mellon University*, Pittsburgh, PA.
Principles of Computing: an introduction to programming using Python

Relevant Coursework

- Spring 2012 **15-410 Operating System Design and Implementation.**
Worked with a partner to write a threading library implementing `thr_create()`, `thr_join()`, and `thr_exit()`, along with mutexes, condition variables, and semaphores, in C.
Wrote a robust stack trace printer in C.
- Spring 2012 **15-210 Parallel and Sequential Data Structures and Algorithms.**
Learned about proved, and implemented a variety of parallel and sequential data structures in Standard ML
- Fall 2011 **15-213 Introduction to Computer Systems.**
Wrote a multithreaded caching proxy in C.
Implemented `malloc()` using segregated free lists and various other optimizations

Skills

- Programming Languages Python, Ruby, C, Java/Android, Standard ML, Clojure
- Software vim, git, \LaTeX , IntelliJ