

Alexander Chai

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Education

Carnegie Mellon University

B.Sc. in Computer Science

B.Sc. in Discrete Mathematics

Completion in May 2018

GPA: 3.79/4.0

Dean's List F14, F15, S16, F16, S17, F17, S18

Extracurriculars Include:

Origami Club, Computer Club, Math Club, Putnam Team, ACM@CMU

Relevant Coursework:

Distributed Systems

Numerical Methods

Computer Vision

Algorithm Design and Analysis

Computational Discrete Math

Dynamic Network Analysis

Practical Data Science

Skills

Programming Languages & Technologies

C, C++, Objective-C, SML, Java, HTML, CSS, JavaScript, Python, iOS, Cocoa, Swift, Git, LaTeX, Matlab, Unix, Mac OS, Maple, PDF.js, COBOL

Spoken Languages

English - Fluent/Native

Japanese - Elementary

Experience

Bloomberg LP - Software Engineer

New York, NY | July 2018 - Present

Joined as a new hire and worked on the Message Mining Apps team

Designed and built tools to scrape relevant security trading and pricing data from MSGs and IBs

Worked on core scraping product, primarily in Python/C++ as well as on peripheral products involving Rapid, R+, and BAS

Apple Inc. - Software Engineering Intern

Cupertino, CA | May 2017 - August 2017

Worked on the iTunes U team as a software engineering intern for iOS development

Contributed to the development and testing of education technologies

Carnegie Mellon - Research Assistant

Carnegie Mellon University | June 2016 - June 2017

Helped design and build the pdfnotebook note-taking program using the PDF.js API with Prof. Seth Goldstein

Implemented front end functionality from scratch including onscreen notes and highlight-annotations.

Hawaii Information Service - iOS Intern

650 Iwilei Rd, Suite 670, Honolulu, HI 96817 | June - August 2014

Helped plan as well as develop the Caravan app project, an iOS app designed to assist in real estate survey data management.

Projects

Asteroids in Space - TartanHacks Entry - Feb. 2015

Worked with team that created a virtual reality version of the game Asteroids.

Placed in the top 6 submissions of TartanHacks 2015.

Pic8 - TartanHacks Entry - Feb. 2016

Collaborated on a reminders app that keeps track of reminders using pictures.

Implemented the reminders view as well as app data management