

Matthew Chinn

Goal: To apply and expand my programming skills in a summer internship.

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Education

The University of California, San Diego
Bachelor of Science, Computer Science - **Total GPA: 3.84**
Minor: Economics
Tau Beta Pi, Engineering Honors Society
Alpha Phi Omega, Co-ed Community Service Fraternity

Expected Graduation: *June 2018*

Work Experience

Lockheed Martin, *Software Engineering Intern*

June - September 2016

- Worked with a team on a plugin dedicated to integrating two different systems and providing a graphical representation.
- Learned and applied new technologies/methodologies including ReST, DDS, Java GUI, and JMockit.
- Contributed to interface design, which was utilized in the plugin to provide flexibility.

UCSD Computer Science Department, *Tutor*

September 2015 - Present

- Courses: Introduction to Java, Computer Organization & Systems Programming (C and Assembly).
- Gained experience leading discussion sections, small study groups.
- Assisted students with programming questions during lab hours or online.
- Graded assignments, quizzes, exams.

Webmaster, *Alpha Phi Omega*

January - April 2016

- Appointed to a position on the executive board to manage the organization's website.
- Worked on bug fixes and new features.
- Dealt with member requests in a timely manner.

Digital Media Academy, *Teacher Assistant*

July 2015

- Courses included Java Programming for Minecraft Modding and Introduction to Programming with Scratch.
- Provided one-on-one instruction to students in need.
- Led break-time activities and supervised during lunch.

Projects

Alpha Phi Omega Website Features

Ruby on Rails

- Created a feature that combines data from the server and user input into a cohesive requirement tracker.
- Vastly improved ease of use for both entering and checking requirements.
- Built a forum to facilitate formal organization discussions.
- Replaced an outdated one and integrate with the new website.

Palace Card Game

HTML / CSS / Javascript

- Implemented an online version of a card game to practice web development.
- Created a simple AI to play against the user.
- Playable at <http://matthew-chinn.github.io/palace>.
- Code viewable on Github.

Workout Android Application

Java / XML

- Made an Android app to get exposure to mobile development.
- Allows the user to record workout data, view history, and send emails containing that day's workout statistics.
- Code viewable on Github.
- Pictures viewable on my website.

Skills

Proficient: Java, HTML, CSS, Javascript, Git/Github

Experience: Ruby on Rails/Ruby, jQuery, C/C++, UNIX, Agile Development, JIRA, JMockit Testing Framework