

ALEX TANG

218 Andover Drive | Claremont, CA 91711

(909) 641-0529 | alt020@ucsd.edu

www.linkedin.com/in/atang020 | <https://github.com/atang020> | <http://atang020.github.io/portfolio/>

EDUCATION

University of California, San Diego
Bachelor of Science in Computer Science

Expected Graduation: June 2016
La Jolla, CA

COMPUTER & TECHNICAL SKILLS

Programming Languages: Java, SQL, HTML, CSS, PHP, Python, JQuery, Verilog

Application Familiarity: Android Studio, Eclipse IDE

RELEVANT COURSEWORK

Introduction to Software Engineering

- Developed a restaurant point of sale system on Android 4.4 in a team of 10 over a 3 month period
- Learned and applied software development strategies and project management practices
- Wrote and compiled test cases for Android using JUnit and Node.js using Mocha testing framework

Database Systems and Principles

- Learned and applied basic concepts of data modeling, relational databases, and schema design
- Developed commercial database system skills through programming projects

WORK EXPERIENCE

Minerva Networks

June 2014 – September 2014

Quality Assurance Intern

Alviso, CA

- Performed User Interface Testing on current and future iTVFusion products and internal systems
- Reproduced bugs and assisted developers and quality assurance engineers on customer escalations
- Collaborated directly with Director of Services and Director of Engineering to develop tools to improve company productivity
- Assisted Ecosystem and System Manager with certification for Minerva partners

Tang Structural Engineers

August 2012 – September 2012

Structural Engineer Intern and Drafter

Fontana, CA

- Learned and utilized AutoCAD to draft structural details and create site plans
- Assisted and shadowed a senior structural engineer for onsite building inspection
- Collaborated directly with senior structural engineers to compile important information for meetings

RELEVANT EXPERIENCE

University of California, San Diego Circle K International

April 2013 – Present

Masquerade Ball Technology Chair and Webmaster

La Jolla, CA

- Designed and maintained an informational website to raise funds and advertise one of the largest charity events at UCSD
- Collaborated with committee members and partner businesses on event budget, logistics, and publicity
- Utilized and demonstrated proficiency in web program languages such as PHP, HTML, CSS, and Weebly web template
- Designed and developed an Android mobile application to improve attendees' experience. Features included GPS to venue, venue information, and real time event spotlights

HACKMIT Hackathon

Oct 2014

Participant

Boston, MA

- Designed and programmed a chat web application utilizing DirecTV set top box and API over 18 hours
- Wrote web application backend in PHP and utilized Digital Ocean cloud server and API

ADMINISTRATIVE SKILLS & ACTIVITIES

- Conversational proficiency in Mandarin Chinese
- Extracurricular activities: UCSD Circle K International, Computer Science and Engineering Society, Eve Security, UCSD Circle K International Technology Committee