

# ALEX TANG

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## EDUCATION

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

Expected Graduation: June 2016  
La Jolla, CA

## COMPUTER & TECHNICAL SKILLS

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

**Application Familiarity:** Android Studio, Eclipse IDE

## RELEVANT COURSEWORK

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### 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

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### 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

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### 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

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