

Ziqi(Charles) Gan

Interests

Software Engineering
Data Analyst
Front-end Engineering

Contact

Apt 5509,
9155 Judicial Dr.
San Diego, CA 92122,
United States
+1 (858) 900 8677
zigan@ucsd.edu

Languages

Chinese(Native)
English(Proficient)

Website

www.ziqigan.com

Education

Undergraduate
University of California,
San Diego
Math-Computer Science
2014.9–2018.6
GPA:3.55/4
Provost Honors

Coursework

Advanced Data Structure
Neural Networks
Intro/Computer Architecture
Software Engineering
Computer Organization/
System Programming
Digital Systems Laboratory
Decisions Under Uncertainty
Econometrics
Microeconomics
Introduction to Statistics
Combinatorics
Mathematical Reasoning

Life Philosophy

"Focus on making
yourself better, not on
thinking that you are
better."

Programming Skills

Proficient: C/C++ Java SPARC Assembly Android Studio Git JIRA Agile
Learning: IOS Development Unity3D HTML/CSS/Javascript Node.js Python

Other Skills

Design: Adobe Lightroom \LaTeX

Photography Team Management

Experience

2016.3–2016.6 **IEEE UC SAN DIEGO**

San Diego, United States

Quarterly Project Team Member

Participated in IEEE UC San Diego Quarterly Project and created a robot that can dance with the music beats. (Based on Arduino platform.)

- Arduino Programming (Based on C++)
- Circuits Construction

2015.9–2016.1 **PINV INTERNATIONAL INC.**

San Diego, United States

Co-Founder / Tech Staff

I participated in the initial development phase of an E-Commercial website www.gopiniv.com. We sold Asian snacks to students in various universities. The companies was acquired by our competitor Yamibuy.com

- Website construction
- Start-up company strategy
- Entrepreneurship

2015.7–2015.8 **SHANGHAI ORIENTAL SECURITY (Xi'an Branch)**

Xi'an, China

Summer Intern

Worked as an assistant for a Product Manager.

- Customer preference analysis
- Research on Security Analysis

2014.5–2014.9 **LIGHTAGE VISION STUDIO**

Xi'an, China

Co-Founder

I, along with my 5-year friend, found a studio that provides professional photography and microfilm service for customers. The studio was temporarily shut down because of our studying abroad in different cities.

Academic Projects

2016.9–Present **Personal Website**

My personal website is under construction . It is based on the web framework Bootstrap. This website is for my portfolio display and I am currently learning Ruby on Rails to implement a blog feature

2016.3–2016.6 **Android Application: Couple Tones**

Software Engineering class project.

This application is basically used to track the whereabouts of couples. The user can pair up with her/his boy/girlfriend and couples can get to know the up-to-date status of each other.

- Android Studio
- Design patterns and software development tools such as JIRA, Agile, Circle CI and Github
- Google service APIs such as Google Map and Firebase.

2016.4

Auto-Complete/Spell Checking

Advanced Data Structure class project

An auto spelling-checker majorly based on the implementation of C++ ternary search tree. Like the spelling check of most search websites, it can automatically complete the user input based on doctrinaires.