# Quanyong Bi

323-337-4139 | quanyong@usc.edu | Los Angeles, CA 90007
https://www.linkedin.com/in/quanyong-bi/ | https://github.com/QuanyongBi

## SUMMARY

Current junior majoring in Computer Science and Business in USC who has multi-field comprehensive skills aiming to become a software engineer. Has solid hand-on experience in development and proficiency in multiple languages. Enthusiastic about getting in a challenging internship in 2023 Summer.

## EDUCATION

**University of Southern California | Los Angeles, CA**                              Expected May 2024
B. S in Computer Science and Business                                                               GPA:3.7
Relevant topic: Data Structure, Web Application, Android development, Database, Algorithm.

## TECHNICAL SKILLS

**Languages:** Java, C++, JavaScript, HTML, Python.
**Framework and tools:** Spring boot, MySQL, JSP,AWS, Oracle Database, React, Android Studio, Tomcat, JDBC, bootstrap, Git, Google Cloud, Docker, OAuth 2

## PROJECTS

**Real-time Multiuser/Concurrency Online Gaming Room**                              Apr 2022 – June 2022
Developed an online drinking-game room website based on **SpringBoot** and **MySQL.**
- By using JDBC and live update database to achieve the multiuser, interactive, concurrent gaming room, in which users can chat, play games, and count drinking shots with health warning.
- Designed the front-end with **HTML**, **JavaScript** and **CSS**.
- The database enables users to log-in, add-friend, and invite friend to the created gaming room.

**Personal Website**                                                                                July 2022 - now
Build a personal website based on **SpringBoot** and **AWS**.
- Designed an interactive front-end with **Javascript, JSP** and **React**.
- Enable visitors view my profile and cinematography/music work in clearer way.
- Deployed the web-application through AWS EC2, and has implemented DNS service through Route53 on ELBs.

**Restaurants Rating-based Searching Web Application**                              Feb 2022 – Apr 2022
Constructed a simplified-yelp for users to search for restaurants in LA area.
- Using HTML and CSS to design the front-page
- Store all restaurants names, prices, ratings and pictures from online JSON data using MySQL and JDBC.
- Enabled users to straightforwardly search/decides restaurants by searching and numerous sorting ways.

## WORK EXPERIENCE

**Dongguan Security Co Ltd | Chengdu, Sichuan**                                        Apr 2021 – Aug 2021
Database developer intern
- Joined company's database team, using **Oracle Database** construct and maintain over 5GB of trading data, contributing its stability in trading to the team.
- Using Python to collect and research through the data in Chinese architecture market and generate a statistic-based report.