Junpeng Zhang

1241 W. 37th Dr. Los Angeles, CA 90007 | (213)275-9580 | junpengz@usc.edu

EDUCATION

University of Southern California, Los Angeles, CA	M.S. Computer Science	Exp. December 2019
Jinan University, Guangzhou, China	B.Eng. in Computer Science & Technology	July 2016

SKILLS

- **Programming Languages**:   Python, Java, C, C++,
- **Database Technology**:   SQL, MySQL, PostgreSQL
- **Web Technology**:   HTML, CSS, Bootstrap
- **Tools**:   PyCharm, PyAutoGui, pywinauto, Selenium, IntelliJ IDEA, Apache Tomcat, Hibernate, Git Desktop, LaTeX

EXPERIENCE

Neusoft Corporation – Programming Intern   **July 2015**

- Developed a ticketing website via Spring framework, Struts 2 and Hibernate and MySQL
- Finished an Entity-Relation Diagram and designed a database based on the 3NF standards through SQL

PROJECTS

AI Player for Checkers   **Spring 2018**

- Implemented an AI player for checkers game based on Min-Max Algorithm and accelerated by Alpha-Beta Pruning.

Automatic GUI Test Script for Webpage   **Fall 2016**

- Collaborated with team to develop a python script to monitor network communication between webpage and game server and react automatically by controlling GUI/browser.
- Devised different control methods via PyAutoGui, pywinauto, Selenium.

Event Publishing Mobile Website Based on Location-based Service   **Spring 2016**

- Implemented an LBS event publishing system based on Spring Framework, PostgreSQL with PostGIS spatial extension, Hibernate, BaiduMap API.
- Designed a responsive web page for mobile devices using Bootstrap.

Forward Chaining Inference Engine Realization   **Fall 2015**

- Develop a program deducing conclusions based on assigned rule base and fact base.

C-like Programming Language Compiler Implementation   **Spring 2015**

- Given a certain Compiler template, finished a simplified program through C language, designed Lexer, Parser, Semantic Analyzer and generated object codes for a basic virtual machine.

Data Recovery of the Student Union Website   **Fall 2013**

- Deployed WordPress on a windows server and recovered some data from previous backup
- Applied PhpMyAdmin to manage MySQL database and used the FTP to manage directories and files

LEADERSHIP AND INVOLVEMENT

- **Member**: Student Union of Jinan University (2012-2014)