

Shuai Zheng

SOFTWARE ENGINEER

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“Make the change that you want to see in the world.”

Education

B.S, Computer Engineering (GPA: 3.767/4.0, Major GPA:3.803/4.0)

U.S.A

UNIVERSITY OF CALIFORNIA, IRVINE

2013 - 2017

- Dean Honor Lists
- Awards: Excellence in Python

Experience

Siminsights, Inc.

U.S.A

BACKEND SOFTWARE ENGINEER

Nov. 2017 - Present

- Use Java Spring Boot and Hibernate framework to make API based on mysql database.
- Use Websocket and RabbitMQ to make Chat App.
- Use Docker to deploy backend code in the linux server.
- Use Spring Cloud to make distributed system

Dui Xun Network Technology Co.ltd

Remote

SOFTWARE ENGINEER & UI DESIGNER & WEB DEVELOPER (SPRING BOOT WITH HIBERNATE)

Jan 2017 - Present

- Designed UI using sketch for iOS and Android developers.
- Make HTML5 Website for company and deploy it use Docker
- Use Spring boot Hibernate to move data and modify old mysql database table to fit new database table
- Write bot, using python and use linux system to optimize images
- Use Thinkphp framework to make API based on mysql database.

Research, Deep Learning & Web Development(Java SpringMVC)(Prof. Homayoun)

U.S.A

RESEARCH ASSISTANT

June 2016 - June 2017

- Make Machine Learning algorithms that uses neural network system to predict the arriving traffic patterns of multiple source queuing systems, and dynamically adjust the buffer space to increase efficiency.
- Obfuscate Machine Learning algorithms and implement it in the web app, using Spring MVC framework
- connect MySQL database, using hibernate in the Web app to allow users to sign in, sign up, and store output result

Project

- 2014 **C/C++**, OCR project & Chess Game & Image Processing & Hardware and Software interface
- 2016 **Python**, Auto Collision-Avoidance Car, TCP Client & Server
- 2016 **C#/JS**, Unity Game: Night Shooting & Space Shooting & Tank
- 2015 **VHDL/ Verilog**, Single Cycle CPU & Multiple Cycle CPU & Pipeline CPU & Synthesis.
- 2015 **Java**, Mobile Ad-Hoc Networks
- 2016 **Android Development(Java)**, Space Shooting & Sokoban & Side Stroller & Map-based App
- 2016 **IOS Development(Swift & Objective-C)**, Space Shooting & Social App & Snapchat App
- 2016 **Web Development(HTML/CSS/JS/JAVA-JavaEE Spring MVC)**, Image Gallery Website & Website with Machine Learning algorithms
- 2017 **Backend Development**, Java Spring Boot or Thinkphp to make API based on Mysql database

Skills

- Code **Skills**, Mathematica & C/C++ & Object-C & C# & Python & Java Spring Boot & Swift & VHDL/Verilog & MySQL & Firebase & Parse & MongoDB & Latex & HTML/CSS/JS & Docker, & Thinkphp
- Tech **Skills**, Web Development, Android Development, IOS Development, Embedded System, Unity Game, Database, Mac/Linux/Win, Sketch(UI design), Spring Boot, Spring MVC, Hibernate