

Kun Zhou

Self-motivated Can-do Developer

Keep looking for self-challenge position

Information

Tel : 0432820807

e-mail : jeremy.kunzhou@gmail.com

visa : Permanent Resident

Address

203/1 Victa Street, Campsie, NSW, 2194

Key Skills

- Java Programming

Advanced java skills, proficient in Java Programming; good at algorithm design; good at Java Front end including swing; master the techniques of debugging and testing for Java programs. Intermediate level skills in Java EE (Hibernate, Spring , Struts and EJB3)

- Full stack engineering

Familiar with front end structure including vue. Intermediate level skills in JavaScript, HTML5, XML, CSS, jQuery, Web Service based on SOAP, iReport; have good knowledge about Ruby on Rails and PHP framework.

- Robotics and AI

Intermediate level skills in project development based on python based on cutting edge deep learning model including mask-rcnn, shufflenet. Familiar with ROS structure.

- Other Language

Intermediate level skills in project development based on C# and WPF; Have knowledge on MVVM and Prism. Practical experience on Objective-c, swift under iOS. Practical experience on Android development.

- Database

Proficient in PostgreSQL and MySQL; good at SQL; familiar with Database design and administration.

Project Experience

March, 2016 to July, 2020

Kiktech Robotics

Project: System based on AI for forklift dispatching system

Description:

The forklift dispatching system is aiming to control auto-forklift to grab pallets and deliver to destination.

From analyzing result on bird-view image, the system provides the location of the pallets on the ground and report the available destination for given delivery task. The system provide restful service for system control and status reports.

Key responsibilities:

- ✓ Design and implement the system structure.
- ✓ Leading coding and testing.

Key languages or techniques: python, openCV, restful service

March, 2016 to August, 2018

Kiktech Robotics

Project: AGV Dispatching System

Description:

The whole system is aiming to deliver items to fulfill the order from ordering system for online-retail industry in warehouse like Amazon.

Developing dispatching System for AGV (Kiva like). The system includes three parts: picking station terminal, traffic and path control system, robot management system.

Key responsibilities:

- ✓ Design and implement the dispatching system structure.
- ✓ Design communication protocol with AGV.
- ✓ Leading coding and testing.

Key languages or techniques: Java, Vue, SQL, MySQL, C#

August, 2013 to December, 2015

Kiktech Software

Project: Improvement and maintenance of POS System

Description:

Based on new customer requirement, new features will be added on existed POS System.

Key responsibilities:

- ✓ Maintenance of current POS System.
- ✓ Design and implement new feature based on customer requirement.

Key languages or techniques: Java, SQL, MySQL, ESC/POS, Hibernate, Tomcat

November, 2012 to July, 2013

Kiktech Software

Project: Self-Checkout Project

Description:

Focused on building a complete self-checkout solution for small business like supermarket and restaurant. The aim of this project is reducing the cost of salary of employee and management.

Key responsibilities:

- ✓ Designed and implemented Multi-terminal Self-checkout application based on WPF and SOAP.
- ✓ Designed and implemented self-checkout application on iOS which could scan barcode on product and submit order to server.
- ✓ Designed and implemented datacenter which could process order information and print them from remote DTU printer.

Key languages or techniques: C#, WPF, MS SQL, ESC/POS, SOAP, iOS, TCP/IP

August, 2010 to July, 2012

Kiktech Software

Title: Software Engineer

Project: POS System**Description:**

An Italian restaurant in Port Adelaide hired us to develop a POS system for them.

This system was divided into two parts: multi-terminal POS system and web ordering system which was used on tablets (for remote ordering).

Key responsibilities:

- ✓ Designed and implemented Multi-terminal java client including Ordering system, System management, Employee Management and reporting System based on Java Swing and Hibernate.
- ✓ Designed database.
- ✓ Documentation and testing.

Key languages or techniques: Java, SQL, MySQL, ESC/POS, Hibernate, Tomcat

February to November, 2008**University of Adelaide**

Title: Student

Project: Earth (Master of SE project, an online file system in MVC structure)

Description:

This is a MSE students' group project. This project is to help RSP Company (Australia) to develop and improve an open source file management system, which used the framework of Ruby on Rails. Version control of this project was carried out by using Git.

Key responsibilities:

- ✓ Implement part of requirement from client.
- ✓ Designed and implement plug-in system.
- ✓ Testing on component level.

Key languages or techniques: Ruby, Ruby on rails, PostgreSQL

Education

2007 to 2009	Master in Software Engineering (Score: C+) University of Adelaide
2002 to 2006	Bachelor of Computer Science (Score: C+) Shandong University, China

Activities and Interests

Sports	Tennis, table tennis, soccer, basketball
Traveling	Over 7 cities in china, 7 cities in Australia
Others	TV games, science fiction