YUE ZHOU

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Summary

I am an enthusiastic and high-achieving Graduate student, who has completed a Master of Software Engineering. I have exceptional technical and analytical skills, with experience in software development, including mobile application development, web application development, front-end design, which I have gained in a variety of programmer roles with various project teams and internships.

Career Objective

I am interested in a position in mobile application development, web development, and front-end design, with a company where I can utilise my experience and knowledge to help the company meet and surpass its goals.

Employment-Contract History

Jan 2015 - July 2015   - Web Developer
Adelaide SA Australia

Developing the web application 'House Rent System' with the aim of establishing a platform helping people find a relevant property.

- **Application Design** Responsible for application establishment by utilising 'Laravel' framework which is implemented by PHP based upon MVC (Model-View-Controller) pattern.
- **Front-end Design** Responsible for web page establishment by using HTML, CSS (Bootstrap), JavaScript (JQuery).
- **Server Establishment** Responsible for database establishment by adopting 'MySQL' which leverages the back-end storage part.

Dec 2015 - July 2016   Software Department - Part-time Developer
University of Adelaide SA Australia

Developing the iOS mobile application 'Waste Education Application' with the aim of assisting students to improve the consciousness of environmental protection and waste recycling in the campus.

- **Requirement Extraction** Organising a user requirement meeting with the staff from Ecoversity department of the University of Adelaide, and analysing system requirements for further system design.
- **Application Design** Responsible for GUI design such as layout, theme, and styles through using StoryBoard of Swift.
- **Server Establishment** Responsible for database establishment by adopting 'Django.' framework which is implemented by Python based upon MVC pattern.
- **API (Application Interface) Design** Responsible for achieving the RESTful API, connecting and enabling the communication between clients and server.

- **Quality Assurance** Responsible for unit test case design for validating the code quality.
- **Server Configuration** Responsible for server establishment and publishment to ensure application running smoothly, including parameter configuration, feature debugging and version backup.

Education

Bachelor Degree in Computer Science
University of Jiangnan
Sep 2010 - July 2014   Wuxi Jiangsu China
Master of Software Engineering
University of Adelaide
July 2014 - July 2016   Adelaide SA Australia

Degree Related Projects

DevOps, Software Engineering Department *University of Adelaide, Adelaide, SA, Australia*, November 2015–December 2015.

To build a framework associated with automatic tools that are responsible for various tasks in terms of version control, artifacts storage, unit test and product release.

- **Jenkins Server Establishment** Install and configure Jenkins on Ubuntu system as the central management platform.
- **Tools Integration** Integrate automatic tools with Jenkins platform, such as GitHub, Nexus, JUnit, JFrog and Docker for the process of development.
- **Quality Assurance** Testing occasion design to pretend the process of software develop, referring to version control, software develop, product release.

Collaborative Workspaces of Industrial Systems, Software Engineering Department *University of Adelaide, Adelaide, SA, Australia*, Mar 2015–October 2015.

Developing the platform that is able to assist software teams to be collaborated for designing the software architecture and making important decisions without any localization limitation.

- **Back-end Development** Establishing the web-based collaborating system by using MVC framework Groovy on Grails.
- **Front-end Development** Utilize the Bootstrap framework build the user interface.
- **Multi-tenant Implementation** Combination with the Docker technology to achieve the multi-tenant platform.
- **Database Design** Adopt the PostgreSQL as the basement to implement the data storage system.

MyiCareer, Auto-ID Lab *University of Adelaide, Adelaide, SA, Australia*, March 2016–July 2016.

Mainly developed a mobile-based application for the elderly people that could help them prevent any severe issues after fall.

- **Data Collection** Using Python provides data collection as a support for data training.
- **Data Training** Establish data model for the purpose of accurately fall detecting based on the machine learning algorithm - SVM (Support Vector Machine).

- **Model Integration** Integrate data model into an Android application by adopting JAVA library interface.

Awards and Achievements

Jan 2016   **Data61 Summer Scholarship**

Dec 2013   **Second-rate Scholarship**

Dec 2012   **Third-rate Scholarship**

Dec 2011   **Third-rate Scholarship**

Technical Skills

Advanced   **Java, HTML, JavaScript, CSS, Python, Git, SVN, Ant, Microsoft Word, Microsoft Excel, Microsoft PowerPoint**

Intermediate   **Matlab, LATEX, C, C++, C#, PHP, Swift, MySQL, PostgreSQL**

Soft Skills

Communication: High level of communication skills through communicating with colleagues from different domains, nationalities and experience during man group activities and projects.

Problem solving: Have the ability to solve creative and innovative solutions based on the requirements extracted from scenarios provided by various customers.

Planning and organizing: Effective time management and setting appropriate timelines when multi-tasking simultaneously.

Languages

English   Fluent

Chinese(Mandarin) Native

Hobbies & Interests

Fitness   Attend gym four times a week

Running   Twice a week around Torrens River

Professional Memberships

Oct 2016 - Current   ACS (Australia Computer Society)

Referees

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