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Raymond Zhou

A computer system graduate who has commercial project experience, a determined mind and a strong innovative spirit. Proficient with multiple programming languages like C#, C, C++, Java, JavaScript and Python. Have experience in Agile development process, GitHub and other development tools. A quick learner who is able to pick up any programming language or development tool quickly, also a hard worker who keeps learning new technology through YouTube videos and other online tutorials.

My career objective is to secure a stimulating and challenging role in a dynamic and progressive business where I can utilise the theoretical knowledge and work experience that I have gained and put this into a practical perspective. Seeking learning opportunities in an organisation that supports professional development as well as being part of a successful team. Enjoy being part of an innovative and diverse team of people who strive to achieve excellence and deliver a customer-focused approach.


Education Background

The University of Auckland

 Bachelor of Engineering, specialise in Computer Systems Engineering

Core Courses: Fundamental of Computer Engineering, Hardware Software Systems, Microcomputers and Embedded Systems, System Architecture, Intelligent Systems and Advanced Digital System Design

ACG Academic College

 University Pathway

Subjects taken: Calculus, Accounting, Physics and Statistics

Professional Experience

Company Name: MVP Studio

Software Developer Intern, Apr 2019 – Jul 2019

Project Background:

This is a cloud-based recruitment platform that matches employers and job-seekers. Employers are able to post and manage their profile such as company details, the job details and the specific skills or talents that they are looking for. As for the job-seekers, they can post their profile such as personal profile, relevant skills, past work experience, Visa status and job status etc.

• C#, ASP.NET MVC, HTML/JavaScript/AJAX/CSS/jQuery, SQL, Azure

Key Competencies & Achievements:

- Implementing the Employer Profile page from back-end to front-end. This includes allowing users to edit company details, posting jobs and managing the jobs that they are currently listing which includes updating jobs and closing jobs.
- Implementing all the back-end and front-end functionality from scratch of the Talent Profile page. So that the talents can enter their personal details on the webpage and save to the database. Talent details include Linked & GitHub accounts, description, address, nationality, languages, skills, work experience, visa status, job seeking status and adding profile photo.
- Setting up database, so that the Employer Profile and Talent Profile can be saved and updated in the database after every post, update and delete.
- Daily Scrum Update on the tasks that I have done, the tasks that I will be doing and any obstacles that I have.

Project Experience

Raymond Zhou

Mar 2018 – Oct 2018

Project name: In-car Sensing for Road Safety and Traffic Management

Sponsor: New Zealand Transport Agency

Position: Researcher

Project Background:

This project aimed to test and simulate a driver assistance system in both hardware simulation environment and software simulation environment. The objective of this project was to test how in-car sensing might be used to improve the safety and experience of road users.

- Python, light sensors, Robotic car

Key Competencies & Achievements:

- Simulated transport problems using computer and mathematical modelling.
- Created analytical methods to examine various advanced software and automation concepts designed to improve traffic management capabilities
- Evaluated plans and proposals drafted by project partner and made changes if necessary.
- Analysis of schematics and traffic data, offering recommendations for traffic and driving policies.
- Developed models, algorithms, machine learning methods, and optimisation routines to analyse new concepts.

Technical Skills

Programming Languages

- Proficient with C#, C, C++, Java, JavaScript and Python

.NET Framework

- C#, .NET Core, NET Framework 1.5, LINQ, Entity Framework, Microservice Architecture

WEB Technologies

- ASP.NET/MVC/Web API, Web Services/SOAP/RESTful, AJAX, HTML5/JavaScript/ES6, Webpack, ReactJS

Databases

- Microsoft SQL Server, SQL query, MongoDB, Stored Procedure

Core Skills

Teamwork & Communication

Outgoing communicator when participating in group work and encourage others to share their ideas. Easy to approach and always respect opinion of others. Engaged with discussions. Being an active listener. Always being open-minded.

Analytical & Problem Solving

Gained great analytical and critical thinking skills from past learning and practical experiences. Ability to divide a big problem into a series of small problems and solve the problem logically.

Independent Thinking & Self-Learning

Always have passion for new challenges and have ability to think and complete tasks independently. Ability to learn new knowledge and skills by myself and quickly apply to real world problems. Being able to access sources of information effectively.

Relevant Background Information

Microsoft Office: Proficient in using Word, Excel, PowerPoint and Visual Studio

Multiple Languages: Fluent in English, native Mandarin and Cantonese speaker

Driving Licence: Legally driving during company operating hours

Personal Interests: Basketball, workout in the gym, music and movies

Reference

Referee are available upon request

Raymond Zhou