SHUHAI YU

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Education

Master of Information Technology: Expected in 06/2024

Monash University - Melbourne, VIC

- 3.75 GPA, 83 average mark
- Team leader of every group assignments

Bechelor: Civil Engineering(Honours), 11/2021

RMIT University - Melbourne, VIC

- Engineers Australia-qualified in Civil Engineering with Certificate
- Study Abroad: Project Management & Engineering contracts - Tongji University, Shanghai

Professional Summary

Seeking a role as a software developer. My background in civil engineering instilled in me strong mathematical and logical skills. After realizing civil engineering wasn't my true calling, I pursued IT at Monash University, achieving top grades and self-learning the latest technologies. I aim to combine my engineering rigor with my passion for software development to innovate in the tech industry.

Skills

- Git
- Python
- Java
- Web Programming(html, css, js)
- .Net
- UI/UX
- Android
- AWS

Work History

Teaching Assistant, 07/2023 to Current

Lincoln Education – Remote

- Assisted over 150 students, receiving an average feedback score of 4.8/5.
- Assisted in Java Basics, Python Basics, and Relational Database Basics courses.

Construction Site Engineer, 01/2022 to 06/2022

Qingdao Haitengde Municipal Landscape Engineering – Qingdao,Shandong, China (On-Site)

- Managed a pivotal government project ensuring timely delivery and quality.
- Introduced a tech tool that streamlined reporting processes by 30%.
- Supervised a 10 workers' team and established weekly training sessions, resulting in a 15% increase in operational efficiency.

School Project

1. A Serverless Image Storage Website with AWS Backend
Cloud Infrastructure: Utilized AWS services including S3, Lambda, API Gateway, and DynamoDB.
Functionality:
- Add federated authentication to sign in to website with google account
- Enabled users to upload images to an S3 bucket.
- Leveraging the Yolo object detection feature to identify objects within the image.
- Stored the list of detected objects alongside the image's S3 URL in DynamoDB.
- Provided API endpoints through API Gateway.

2. Android app for recipe search:
User Interface:
- Designed a login/sign-up screen with input validation and error messaging.
- Implemented navigation using Android's Navigation drawer and fragments.
- Integrated a map screen to display user location.
- Incorporated a reports screen, allowing users to select date ranges and choose between different chart types.
- Displayed data using RecyclerView and CardView.

Backend Technologies:
- Retrieved information from a public API using Retrofit.
- Integrated Firebase for authentication and database storage.
- Employed WorkManager to run background tasks.
- Able to share recipe to Facebook.

Languages

Chinese (Mandarin)

Native or Bilingual

English

Professional Working

Japanese

Limited Working