

Shay Mo

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EDUCATION

Master of Computer Science

2022 – June 2024

University of Wollongong, Australia

Bachelor of Economics, major in Statistics

2010- 2014

Guangdong University of Finance

PROGRAMING PROJECT

Easy Parking Web Application

May 2024

Repository: <https://github.com/xm694/EasyParkingPHP>

EasyParking is a web application that provides a convenient solution for both users and administrators. It allows admin to manage parking locations and user bookings. For users, easy parking offers an effortless way to start and terminate their parking.

Key technical skills: PHP, SQL, JavaScript, Bootstrap, AJAX, html, CSS.

News Scraping and Sentiment Analysis Dashboard

Dec 2023

Repository: <https://github.com/xm694/news-scraper-and-sentiment-analysis>

Developed a News Sentiment Analysis Dashboard out of personal interest to analyse 'Voice to Parliament' news articles from Google during the period of September 2023 to October 2023. Implemented web scraping using BeautifulSoup and Selenium, utilized VADER Sentiment Analysis for sentiment analysis, created an interactive dashboard with Dash and Plotly.

Key technical skills: Python, BeautifulSoup, Selenium, VADER Sentiment Analysis, Dash, Plotly.

API-Driven Microservice Design and Implementation

Oct 2023

Repository: <https://github.com/xm694/StudentCardServices>

A group project for subject Service-Oriented Software Engineering aiming to design and implement microservices and docker container. Took the role of team leader, I orchestrate collaborative efforts to achieve a successful program implementation. Additionally, I spearheaded microservices development for the student ID card service using Python, PostgreSQL, FastAPI, and Docker. Technical proficiency ensured robust backend development, efficient data management, streamlined API development, and scalable, containerized deployment.

Key technical skills: Python, PostgreSQL, FastAPI, Docker.

Growth Strategy Student Consultant

June 2023

Practera Australia

A virtual Industry Project consulting for a start-up business in Queensland. Being the team leader of a geographically dispersed team, my goal was to establish effective collaboration and ensure good communication and shared understanding amongst client and team members.

By collaborating closely with the team and aligning their efforts with the customer's needs, we were able to deliver a solution that met the customer's requirements.

EMPLOYMENT HISTORY

Career Break – Gap years in Australia

June 2019 – June 2022

During my career break, I traversed Australia's diverse landscapes, leaving footprints in remote indigenous communities across North Queensland, Northern Territory, and Western Australia. This immersive exploration not only allowed me to absorb varied workplace cultures and delve into client service dynamics but also provided a unique opportunity to connect with and understand the intricacies of remote communities firsthand. While on the road, I had the chance to work in some of the most mysterious and fascinating places, such as the Snowy Hydro project, the hidden gem of Exmouth, and the richly indigenous Kimberley region in Western Australia.

Experienced roles are: F&B supervisor, retail sales, community worker, disability support.

2015~2018

Before venturing into the tech domain, I polished my statistical skills and gained extensive experience in the e-commerce sector. I have spent years researching market trends, launching websites for various clients and promoting the fast-growing online market. Through many collaborations with clients and users, I have developed a passion for analysing business insights and creating intuitive user experiences powered by data intelligence.

E-Commerce Department Manager

2018

Endura Greenlee Tools (Shanghai) Ltd. Co., Shanghai

- Stakeholder Management: Coordinated campaigns on major e-commerce platforms, collaborating with cross-functional teams and suppliers for product selection, pricing, and campaign execution. Financial reports presentation to stakeholders.
- Market Analysis: Conducted market research and competitor analysis to identify opportunities, analysed market data to successfully lead the transition of business functions to major online platforms.
- Project Management: Launched flagship online stores and coordinated multi-faceted e-commerce campaign. Managed promotional plans, resource integration, digital advertising, and e-commerce platform launches.
- Team Collaboration: Led a team of 3-4 members in efforts to transit business functions to online platforms, retrained traditional sellers to transition online. Provided team training, evaluation.

Assistant Business Analyst

2017

YOUHUALIN Information Technology company, Shanghai

E-commerce Executive Supervisor, Digital Marketing Specialist

2015- 2017

Shanghai Reiley Technology company, Shanghai

CERTIFICATE

- Deloitte Technology Virtual Experience Program ([Link](#))
- JPMorgan Chase&Co. Software Engineering Virtual Experience ([Link](#))
- Study Australia Industry Experience Program ([Link](#))

REFEREES

Dr. Fenghui Ren email: fren@uow.edu.au

Graduate capstone project supervisor in UOW