Guan-Lun, Zeng

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Skills

Programming Skills: Python | SQL | PowerBI | .NET Core | React | VueJS

Language: English(IELTS Academic: 7) | French(DELF B2) | Mandarin(Native)

Education

Data Science and Machine Learning program   Aug. 2023 – Apr. 2025

Red River College PolyTech

- Clean and analyze data from structured and unstructured dataset, build prediction models and evaluate their performance for various projects
- Proficient in SQL and NoSQL databases to optimize database queries
- Conduct data analytic and cleaning skills to establish PowerBI dashboard
- Strengthen problem-solving skill and critical thinking

Tech Working Experience

Website Developer   Apr. 2021 – Jul. 2023

SHANDA Information / Taiwan

Advanced Planning & Scheduling System Project

- Design UX and transfer it into a user-friendly interface
- Creating and testing backend RESTful API
- Collaborate on database schema design and optimization for effective data management

Real Estate Evaluation and Risk Assessment Platform

- Integrate interactive OpenLayers maps into a VueJS-based front-end interface, resulting in a 20% increase in user engagement
- Collaborate with teams to solve potential conflict with clients

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Contest

ELA Hackathon 2023 - Second Prize

- Creating dashboard of hydrological data to convert biological and chemical data of various waters into comprehensible information
- Extract data from various data form and Process data cleaning
- Generate insights from chemical data to drive decision-making

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Project

Mental Health Application

- Communicate with clients, conduct research and UX Design
- Collecting data, training AI model and integrate chatbot to mobile app

Skill set: Tensorflow / React Native / Python / MongoDB