

# Zong-Peng Shiao

shiou6252@gmail.com | +886-970-231-506 | Kaohsiung, Taiwan  
https://github.com/Shaw-P

SUMMARY

As a data engineer with two years of experience, I have experience in developing and implementing AI image behavior analysis solutions. Hands-on experience in building and maintaining data pipelines. Additionally, I gained experience in full-stack web development through internships and industry-academia collaborations during my master's studies. Beyond my technical skills, I am a team member with exceptional cross-functional communication abilities. I am passionate about sharing my knowledge and experiences with others, and I maintain an insatiable curiosity for new technologies.

WORK EXPERIENCE

Data Enginner, Compal

Sep 2022 - Jun 2024

【AI Image Behavior Analysis Project】

- Played a key role in the company's AI image project, resulting in a 4-person reduction in inspection personnel and associated costs.
- Successfully implemented the technology at the Vietnam plant, contributing to production efficiency and quality optimization.

【Natural Language Processing (NLP) Text Analysis Project】

- Developed ETL pipelines to process text data and store it in NoSQL and graph databases, laying the foundation for NLP model training.

【System Development and Implementation】

- Established a comprehensive Gitlab CI/CD workflow for fully automated service deployment, reducing manual processing time and error rates by 50%.
- Developed API services to connect data and created crontab scheduled tasks for automatic delivery of system report content.

【Model and System Service Optimization】

【Hardware Maintenance and SOP Establishment】

Internship (R&D Engineer), Compal

Jun 2021 - Nov 2021

- 5G Cloud Gaming Platform Development and Maintenance
- Full-Stack Web Application Development
- Cloud Technology Research and Implementation
  - AWS EC2 & Lambda, OpenStack, NVIDIA CloudXR

EDUCATION

National Kaohsiung University of Science and Technology (NKUST)

Sep 2020 - Sep 2022

M.I.M Master of Information Management

- Course highlight: Database Management, Statistics, Marketing Research, Algorithm
- Thesis: A Study of Audio Feature Learning of Snoring Using Convolutional and Recurrent Neural Networks

Tunghai University (THU)

Sep 2015 - Jun 2019

B.S in Computer Science

- Course highlight: Data Structure, Algorithms, Computer Structure, Operating Systems, Computer Graphics, Intelligent Computing
- Project: The First Portal Website on Block-Chains in the Tunghai Campus System Design and Platform Construction

KEY SKILLS	DB	Backend	Frontend	Cloud	language
	<ul style="list-style-type: none"><li>MySQL, MS SQL</li><li>MongoDB (NoSQL)</li><li>Neo4j (Graph DB)</li></ul>	<ul style="list-style-type: none"><li>Python (FastAPI, Flask , Django)</li><li>PHP</li></ul>	<ul style="list-style-type: none"><li>Bootstrap</li><li>AJAX</li><li>JQuery</li></ul>	<ul style="list-style-type: none"><li>Azure</li><li>AWS</li></ul>	<ul style="list-style-type: none"><li>TOEIC 690</li></ul>