Iris Yang

📞 0450890519 · ✉ irisssssyang@gmail.com · 🔗 chien-hwa-yang · ⌨ coookie89 · 🌐 Portfolio

EDUCATION

May 2023 - May 2025
UNIVERSITY OF NEW SOUTH WALES, Australia
Master of Information Technology (M.I.T.),
specialising in Database Systems
WAM: 81.6

Sep 2018 - Sep 2022
CHANG GUNG UNIVERSITY, Taiwan
Bachelor of Science (B.S.)
in Computer Science and Information Engineering
GPA: 3.58/4.3

SKILLS

BACKEND DEVELOPMENT | SQL · C · Python ·
PHP · Spark · Hive · PostgreSQL · Firebase
FRONTEND DEVELOPMENT | HTML · CSS ·
JavaScript (VanillaJS · ReactJS)
SYSTEM SCRIPTING | POSIX Shell
SOFT SKILLS | Problem-Solving · Self-Motivation

COURSEWORK

Data Structures & Algorithms · Operating Systems
Database Systems · Information Retrieval
Computer Networks · Software Construction
Web Front-End Programming

EXPERIENCE

CHANG GUNG UNIVERSITY OF SCIENCE AND TECHNOLOGY, Taiwan
Feb 2022 - Oct 2022
Linebot Developer | Python, Amazon EC2, Line
- Developed Linebots using the LINE API SDKs, including profile page, patient list, Scale form, handbook of dementia care, viewing patient's record and exporting patient's history report in Excel format.
- Improved efficiency by ~20% for case managers by streamlining communication with patients' families.
- Demonstrated the ability to manage various tasks and adapt to changing requirements.

CHANG GUNG UNIVERSITY, Taiwan
Sep 2021 - Sep 2022
Python Teaching Assistant | Python
- Assisted 30+ students in learning Python from scratch, providing guidance on fundamental concepts.
- Offered prompt assistance by answering student questions and providing debugging support to resolve programming issues.
- Empowered students to extract information from websites they are interested in.
- Enhanced problem-solving skills through troubleshooting student code and identifying logical errors.

ACADEMIA SINICA, Taiwan
Sep 2021 - Sep 2022
Internship | Python, PyTorch, Tacotron, Tacotron2, SQL, MySQL, BeautifulSoup, Machine Learning
- Collected and reformatted 10,000+ terms of Taigi corpus database to ensure data integrity.
- Utilised PyTorch to train open-sourced text-to-speech (TTS) models for Taigi, enhancing the availability of TTS resources for Taiwanese speakers.
- Actively participated in 30+ weekly seminars to exchange knowledge with peers and mentors.
- Acquired fundamental knowledge of the components involved in TTS.

PROJECTS

AnyParking
2024
ReactJS, Python, Postman, Django, SQLite
A Car Space Renting Management System connects parking suppliers and customers. Providers list spots and set fees; customers browse, reserve, and pay. With secure user roles and features for billing, payment, and feedback, the platform optimizes parking use, improves urban mobility, and reduces parking stress.

LmTraceMap
2021
Python, VanillaJS, HTML, CSS, SQL, MySQL
A global tracking website specifically designed for experts to monitor the spread of L.monocytogenes, a challenging bacterium to track due to its presence in food shipments worldwide. The platform aims to facilitate comprehensive monitoring and data sharing, enabling experts from different regions to collaborate effectively in tracking L.monocytogenes outbreaks.