



Yu-Cheng Ling

資料庫 助理工程師

📍 台灣新北市

Hello, I'm Ling Yucheng (Ethan), a recent master's graduate specializing in neural network deep learning with a thesis on Day-to-Night image translation using GANs. With 2 years of database internship experience and experience in Python, I'm eager to apply my expertise in software development and ML/DL.

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【Professional Experience】

I am Yu-Cheng Ling, a Master's graduate in Information Science from National Taipei University of Education, with expertise in software development, neural networks, machine learning, and deep learning. My thesis, titled "**High Fidelity Day-to-Night Image Translation using Global Residual Module Generative Adversarial Network**," focused on optimizing GANs for precise image generation using PyTorch.

Currently, I am interning at Dynasafe , managing **Oracle databases** (11g and 19c), high-availability architectures on **Oracle Linux**, and **MSSQL** databases. This role has enhanced my Linux proficiency, teamwork, and problem-solving skills.

As the Event General Coordinator for my university's graduation exhibition, I successfully led event planning and execution, including securing sponsorships, within three months while navigating the challenges posed by the pandemic. This experience sharpened my task management and coordination skills.

【Technical Skills】

I have experience in both front-end and back-end development, using technologies such as **HTML**, **CSS**, **JavaScript**, and **PHP**. I developed a candy store project featuring purchasing, login, and shopping cart functionalities. For my undergraduate capstone project, I created an air quality monitoring system for Taiwan using HTML, CSS, JavaScript, and IIS. During my master's program, I focused on neural networks and deep learning, primarily coding in **Python**.

【Job Vision】

With a solid foundation in programming, project workflows, teamwork, and database management, I am eager to advance my skills and contribute to your company. I am open to roles in software development, algorithms, ML/DL, and other engineering fields.

Thank you for reviewing my resume. I look forward to the opportunity to contribute to your team and grow professionally.

Work Experience

Assistant Engineer • 動力資訊安全股份有限公司 July 2022 - Present

Assisted clients with Oracle Database setup, high-availability architecture, error log troubleshooting, maintenance, upgrades, and migrations on Oracle Linux 7.9 and 8.0 with versions 11g and 19c. Designed and tested new client architectures, offering improvement suggestions and creating implementation processes.

The main job responsibilities:

- Set up Oracle Database 21c on RedHat 8.0.
- Build high-availability databases with Oracle Database RAC.
- Ensure high availability between RAC instances using Oracle DataGuard.
- Perform database stress testing.
- Extract data from MSSQL and migrate it between tables.
- Implement cross-platform data synchronization using Oracle GoldenGate (Oracle to MSSQL, MSSQL to Oracle).

Staff • 台灣優衣庫有限公司 **March 2017 - July 2022**

Managed daily store operations, including product display, inventory management, and customer service. Demonstrated excellent teamwork and attention to detail, effectively handling tasks in high-pressure environments, and continuously enhancing the customer shopping experience.

The main job responsibilities:

- Maintained store cleanliness and product presentation, increasing customer shopping willingness.
- Managed inventory to ensure product availability and optimal allocation.
- Provided friendly customer service, addressing inquiries and assisting with shopping needs.
- Actively participated in internal training to enhance product knowledge and service skills.

Education

2022 - 2024	<div>NTUE</div> <div>Department of Computer Science</div> <div>During my master’s program, my primary research focused on neural networks, machine learning, and deep learning. I improved algorithms and model architectures to solve problems and enhance prediction and image translation accuracy.</div>
2018 - 2022	<div>Shih Hin University</div> <div>Department of Information Management</div> <div>During my studies, I gained experience in front-end and back-end development. I used HTML, CSS, and JavaScript for front-end, and PHP for back-end, creating a candy sales website. For our graduation project, our team developed a Taiwan air quality monitoring website, where I was responsible for the front-end development using HTML, CSS, JavaScript, and IIS.</div>

Skill

OS	Back-end	Front-end	Others Language
<ul style="list-style-type: none">• Windows• Linux	<ul style="list-style-type: none">• PHP	<ul style="list-style-type: none">• Html / CSS• Javascript	<ul style="list-style-type: none">• Python• Git

Database	Development Tool	Others	Languages
<ul style="list-style-type: none">• MSSQL• Oracle Database	<ul style="list-style-type: none">• Pycharm• Anaconda• Visual Studio Code	<ul style="list-style-type: none">• Pytorch• Tensorflow• Word• Excel• PPT	<ul style="list-style-type: none">• Chinese - ★★★★★★• English - ★★

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