

# Thanh Tung Dang (Cedrus Dang)

## Data Scientist

**Location:** Perth, Australia

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**GitHub:** [github.com/cedrusdang](https://github.com/cedrusdang)

## Education

### Master of Data Science

- University of Western Australia, Perth

### Bachelor of Economics - Major in Environmental Economics

- Nong Lam University, Ho Chi Minh City

## Experience

### AI & Systems Development Intern – Captivate Connect, Perth | 06/2025 – 09/2025

- Contributed to API-first modernization by documenting integrations and developing Python-based audio data processing pipelines; also supported web/system development and SaaS/API architecture deployment.
- **Achievement:** Replaced a multi-step vendor AI workflow with an internal hybrid pipeline, reducing ongoing operational costs.

### Data Migration Intern – Law Access, Perth | 03/2025 – 05/2025

- Migrated and restructured 10+ years of legacy data to improve clarity and system usability in preparation for new system deployment. Also supported data analysis tasks.
- **Achievement:** Reduced ~70% manual effort by automating ETL and Shell workflows and building a custom Excel VBA UserForm.

### Team Leader - DHL Supply Chain Ltd, Vietnam | 05/2022 – 08/2023

- Led a 40+ warehouse and e-commerce fulfillment team.
- **Achievement:** Delivered 95% on-time order fulfillment and contributed the highest profit margin at the site.

### Manager Assistant – T&C Logis, Vietnam | 10/2019 – 01/2022

- Coordinated warehouse operations, vendor management, and daily logistics workflows.
- **Achievement:** Maintained uninterrupted service for Samsung and CJ Group during COVID-19.

### General Staff (Store Development) – Hoa Sen Group HQ, Vietnam | 11/2018 – 09/2019

- Conducted business analysis, contract tracking, and regulatory compliance support during retail network restructuring.
- **Achievement:** Mitigated operational disruptions during the 2017 trade impact period.

## Skills

- **Data Science:** Machine Learning, Deep Learning, NLP, Computer Vision, Data Storytelling
- **Data Engineering:** ETL, Warehousing, Cloud, IoT, Web Development
- **Programming:** Python, R, C/C++, Bash, SQL, JavaScript
- **Tools & Platforms:** Tableau, Power BI, MySQL, PostgreSQL, Neo4j, GitHub, Docker, AWS, Cloudflare
- **Frameworks:** NumPy, Pandas, Scikit-learn, TensorFlow, PyTorch, LangChain, React, Next.js, Django, Flask
- **Economics & Statistics:** Financial & Business Analysis, Supply Chain Management

## Publications

- Dang T.T., Dang M.P., Mai D.Q. (2018). *The awareness and willingness to pay of consumers for imported fruits with food safety certification*. Journal of Agricultural Science and Technology, No.1/2018.

## Professional Certifications

- Meta Professional Front-End Developer (2025)
- Meta Professional Back-End Developer (2025)