

CONTACT

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SKILLS

Data Science:

- Machine Learning, Deep Learning
- Natural Language Processing
- Computer Vision
- Data Analysis, Data Storytelling

Data Engineering:

- Data ETL and Warehousing
- Cloud Computing
- Internet of Things
- Web Development

Programming Languages:

- Python, R, C/C++
- Bash/Shell
- SQL/Cypher
- HTML, CSS, JavaScript

Tools & Platforms:

- JupyterLab, Colab
- Power BI/Tableau
- MySQL, PostgreSQL, Neo4j
- Linux, GitHub, Docker
- AWS, Cloudflare
- Figma, Canva

Libraries & Frameworks:

- NumPy, Pandas
- Matplotlib, Seaborn
- Scikit-learn, TensorFlow, PyTorch
- LangChain, AI Gen & Agents
- React, Django, Flask

Economics & Statistics:

- Statistical & Financial Analysis
- Logistics & Supply Chain
- Problem-solving
- Analytical thinking
- Adaptability

EDUCATION

Master of Data Science

University of Western Australia
Expertise: AI
WA, Australia
Will graduate: Dec 2025

Thanh Tung Dang

(Cedrus Dang)

Data Scientist

Profile

Results-driven Data Scientist with expertise in machine learning, deep learning, data engineering, application development, and business analytics. Trained in Python, SQL, and cloud platforms, and experienced in writing technical documentation and building APIs. Able to using analytics, automation, and teamwork to solve complex problems and improve business results. Able to deliver end-to-end solutions across diverse industries. Also brings experience in supply chain, economics, and data analysis.

WORK EXPERIENCE

AI & Systems Development Intern

Captivate Connect - Perth, Australia

06/2025 – Present

- Contributed to API-first transformation via integration documentation, coding, and Python backend development for audio data pipelines.
- Worked on web/system development tasks, and SaaS/API design with hands-on experience in technical documentation and deployment.
- **Achievement:** Replaced a costly, three-step third-party AI solution with a streamlined custom pipeline leveraging non-AI data transformation and flexible AI API integration in the core production workflow, eliminating unnecessary vendor contracts and significantly reducing costs.

Data Migration Intern

Law Access - Perth, Australia

03/2025 – 05/2025

- Migrated and restructured 10+ years of legacy database, enhancing clarity and system usability.
- Automated data transformation using MicroSQL and shell scripting, reducing manual effort by 70%.
- Built a custom Excel VBA UserForm app to streamline workflows; also served as Event Marshal for Walk for Justice, a major legal fundraising event for Pro Bono legal services in Western Australia.

Team Leader

DHL Supply Chain Ltd - Viet Nam

05/2022– 08/2023

- Led a team of 40+, achieving 95% on-time order fulfilment for B2B and B2C clients through optimized warehouse operations.
- Launched e-commerce operations and a new warehouse management system with the team to enable scalable workflows and improved efficiency.
- **Achievement:** Recognised as the top-performing team, contributing the highest profit margin at the site.

Manager Assistant

T&C Logis, Korea Logistics - Viet Nam

10/2019 – 01/2022

- Managed warehouse operations, including coordinating daily activities, training staff, providing customer service, and liaising with vendors.

GPA: 5.9/7 (Distinction)

Bachelor of Economics

Nong Lam Ho Chi Minh City
University
Major: Environmental Economics
HCM city, Vietnam
Graduated: 2017

OTHER

• **Professional Front End Developer
Certification** (2025) (Meta -
Facebook)

- **Achievement:** Assisted the manager and CEOs of a start-up team to deliver high-quality services for top-tier clients such as Samsung Electronics and CJ Group, maintaining excellence during the COVID-19 pandemic.

General Staff - Store Development Team

Hoa Sen Group HQ - Viet Nam

11/2018 – 09/2019

- Provided consulting, tracked contracts, and conducted negotiations, including property transitions and ensured regulatory compliance. Conduct business analysis on Excel for reporting purposes.
- **Achievement:** Contributed to business continuity by supporting the restructuring of the retail system during the 2017 trade conflict, helping to mitigate its negative impact.

PUBLICATIONS

Dang Thanh Tung, Dang Minh Phuong, Mai Dinh Quy, 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. Nong Lam University of Ho Chi Minh city.

RECENT PROJECTS

Little Lemon Restaurant – React Front-End App

- Booking React app with Meta's standard UI/UX.

Graph Database Project: Australian Road Fatality 2024

- Neo4j graph data warehouse for crash analytics.

Data Warehouse Project: Australian Road Fatality 2024

- PostgreSQL star schema and OLAP for road data with Python ETL.

NovelForger – AI Agent Novelist

- AI agent for multilingual novel generation with Gemini and LangChain.

Queensland Traffic Accidents Analysis (2001–2021)

- 20-year traffic data trend analysis using Tableau.

Smart Livestock Tracking System – IoT

- IoT livestock tracking with LoRaWAN, AWS, Python, and ESP32

Classification and Clustering of Low Birth Weight Mortality

- ML and clustering on global birth data with R, ML and Shiny

Portfolios Website

- Link: <https://www.cedrusdang.com/>