

Arthur Lian

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PROFILE

I'm in my final semester of a Master's in Information Technology at UWA, with a High Distinction average. Alongside my studies, I work as a Software Developer at Shopping Group and tutor at UWA. With a prior Master's in Business Analytics from the University of Sydney, I've contributed to digital and data visualisation projects in global chemical, pharma, and FMCG firms. I have full-time work rights in Australia for the next three years and am passionate about tech-driven operational improvements and eager to grow in the IT field.

EDUCATION

Master of Information Technology (Software System) July 2023 – Expected July 2025

The University of Western Australia

Obtained 82 Average (High Distinction) & BCG GAMMA Price.

Master of Commerce • Business Analytics & Supply Chain Management March 2019 – August 2021

The University of Sydney

Obtained 76 Average (Distinction).

Bachelor of Logistics Management March 2014 – July 2018

Tianjin University of Science & Technology

1 Year Exchange in University of Lodz (Poland). Obtained 87 Average and First-class Scholarship.

RELEVANT EMPLOYMENT

Software Developer Intern • eShopping Group Perth, February 2025 – Present

- Independently developing a full-stack AI voice transcription app using React.js (TypeScript), Django Rest Framework, and JWT for authentication.

Academic Tutor • UWA Perth, July 2024 – Present

- Facilitate labs and mark student projects/exams for Computational Data Analysis & Python.

Data Analyst Intern • eShopping Group Perth, August 2024 – February 2025

- Retrieved and integrated data from Azure SQL databases and build Power BI dashboards with automated refresh.

Strategy Assistant (AI & Automation) Intern • Landgate Perth, February – June 2024

- Responsible for strategy analysis on the trend of AI & Automation. Dig the impacts and changes brought from the new trend to the business operating model and business units.

Supply Chain Planner • BASF

Shanghai • Greater China & Asia Pacific Head Office

January 2022 – June 2023

- Initiated the Demand Review Visualization Project and Forecast Accuracy Visual Project, delivered automatic PBI dashboards for 3 product groups.
- Executed End-to-End Supply Chain Planning, overseeing forecasting, allocation etc.

Supply Chain Intern (Project Team) • SANOFI

Shanghai • Greater China Head Office

July – December 2021, April – December 2020

- Engaged in Reagents Purchasing Program. Established quantitative criteria models etc.

S&OP Intern (Machine Learning) • JOHNSON & JOHNSON

Shanghai • China Head Office

January 2021 – June 2021

- Participated in the Machine Learning Project for FMCG sales forecasting. Collecting, cleansing, and summarizing the promotion data for ML system.
- Participated in Vendor Managed Replenishment Project, conducted the PBI dashboard UAT.

PROJECTS & VOLUNTEERING

Hitachi Railway eWMS • Web Developing • 2025

- Back-end development for Hitachi Railway eWMS System using Express.js and MongoDB, including API and database schema design, with JWT-based authentication. (WIP)

Wajo • Web Developing • 2024 - 2025

- Full-stack development for Wajo (WA Junior Mathematics Olympiad) using Django REST Framework and React.js, including SQL database design. (WIP)

Penni • APP Developing • 2024

- Front-end development for Penni, a charity app enabling work opportunities for elderly Australians, using React (TypeScript) to build UI components; app successfully deployed.

International Volunteer • English Teacher • 2019 - 2020

- Provided basic English teaching for out-of-school children in two welfare institutions in Ho Chi Minh City, Vietnam with 4 days classes weekly for 2 months.

TECHNICAL SKILLS

Programming Languages: Python, Java, C, C++, R, SQL, JavaScript, TypeScript, Bash

Web & Software Development: HTML, CSS, Bootstrap, Tailwind, React, Next.js, Node.js, Express, Flask, Django/DRF

Database & Cloud: SQL, SSMS, MongoDB, AWS, Azure

Tools & Version Control: Git (GitHub), MS Office

Data Analytics & Visualization: R (Studio), Tableau, Power BI, ArcGIS

Enterprise Systems: SAP

REFEREES

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