

PROFESSIONAL EXPERIENCE

AI Product Developer, iSEAO, Sydney, Australia

Apr 2024 - Jan 2025

- Built and maintained ETL pipelines in Python and SQL, enabling seamless data extraction, transformation, and loading.
- Automated reporting workflows with summary tables and dashboards, cutting manual effort and accelerating decisions.
- Refactored code into modular, reusable functions, improving maintainability and speeding up future development.
- Improved data integrity with custom Python scripts (pandas, NumPy) and SQL validation checks, reducing dataset errors.
- Contributed to framework for parsing and structuring large PDF documents (100+ pages), applying text parsing/NLP logic to distinguish pages, headers, sections, paragraphs.

Software Developer Internship, Niflers (Formerly Fides Advisory), Seoul, South Korea

May 2021 - Apr 2022

- Built and automated large-scale data collection pipelines using Scrapy, BeautifulSoup, and RESTful APIs, scheduled via AWS Lambda for continuous, reliable data extraction.
- Preprocessed large datasets with pandas and NumPy, ensuring clean, consistent, and reliable data for analytics.
- Designed and implemented MySQL database schemas for scraped data, including table structures, primary keys, and foreign keys, ensuring data integrity and efficient querying.
- Designed and optimized complex MySQL queries (joins, indexing, window functions), reducing execution time and improving performance.
- Debugged and refactored Python source code, improving efficiency, maintainability, and system stability.

Manager at homage Specialty Coffee, Parramatta, Australia

Aug 2022 - Jun 2025

(Worked across roles, ending as Manager)

- Led and trained a passionate team of baristas and floor staff, with a strong focus on consistency, clean workstation, speed, positive atmosphere, our products knowledge, and taking pride in what they're doing.
- Built strong relationships with regular customers, remembering preferences - creating a warm, community-focused vibe.

Manager at PetitFours Cafe, Wrocław, Poland

Apr 2019 - Dec 2020

- Oversaw daily operations, ensured high-quality service, managed product ordering and event planning, and handled daily cash-ups with accurate financial reporting to owners.

Junior Credit Risk Monitoring Specialist, Idea Bank, Katowice, Poland

Aug 2017 - Feb 2019

- Monitored credit risk metrics and exposure reports, ensuring accuracy with internal policies and regulations.
- Prepared and presented clear credit risk reports for management, translating complex data into actionable insights.

EDUCATION

Master of Information Technology, University of Technology Sydney

Graduated with Distinction, Jul 2025

- Graduated with Distinction - GPA - 6.44 | WAM 84.56
- Major in Data Analytics.

Bachelor of Economics, University of Economics in Katowice

Graduated July 2022

- Major in Risk Management

Sungkyunkwan University, South Korea

- Completed Levels 1-4 of Korean Language Course.

TECHNICAL SKILLS

<div>Data Engineering & Pipelines</div> <ul style="list-style-type: none">ETL/ELT Pipelines Design and ImplementationReal Time Data Streaming (Apache Kafka, ksqldb, Kafka Connect)Data Modeling and Transformation (dbt, SQL, pandas, NumPy)Databricks for Scalable Data Processing (Spark)Containerization and Deployment (Docker)AWS Glue and AWS Lambda for Data Integration and Automation <div>Backend & APIs</div> <ul style="list-style-type: none">Python Backend Development (FastAPI, Django)RESTful API Development and Integration	<div>Machine Learning & AI</div> <ul style="list-style-type: none">Building and Deploying Machine Learning Models (scikit-learn, TensorFlow, PyTorch)Model Training and Hyperparameter TuningComputer Vision and Image Processing (OpenCV, GCP Vision API)Natural Language Processing (NLP, GCP Natural Language API)Translation and Text Analysis (GCP Translation API) <div>Software Development Practices</div> <ul style="list-style-type: none">Version Control and Collaboration (Git, GitHub, CI/CD with GitHub Actions)Testing & Documentation	<div>Cloud Platforms</div> <ul style="list-style-type: none">AWS, Google Cloud <div>Frontend Development</div> <ul style="list-style-type: none">React, HTML, CSS, JavaScriptUI/UX Implementation for Full Stack Apps <div>Analytics & Reporting</div> <ul style="list-style-type: none">Data Warehousing and Querying (Athena, SQL)Business Intelligence (Metabase, Tableau, Power BI, KNIME)Dashboarding and Visualization
---	---	--

ADDITIONAL INFORMATION

- Awards:** Best Project: Interface/Design - Awarded by UTS Tech Festival 2025 - Software Engineering Showcase
- Languages:** Fluent in English & Polish, Intermediate Korean.
- Certifications & Courses:** Ultimate AWS Certified Developer | Secure BigLake Data | Use Machine Learning APIs on Google Cloud | Python and Django Full Stack Web Developer Bootcamp | The Ultimate HTML5 & CSS3 Series | Complete Python Mastery | Data Analysis with Python: NumPy & Pandas Masterclass | Full Stack Cloud Application Developer

REFERENCES

- Professor Wei Liu | University of Technology Sydney | Wei.Liu@uts.edu.au
- Liza | Owner of homage Specialty Coffee | Phone number available upon request.
- Andreas | AI Developer at iSEAO | Phone number available upon request.