

MATEUSZ WICHTOWSKI

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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, 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, highly putting effort 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 Lv 1-4 of Korean Language Course.

TECHNICAL SKILLS

Data Engineering & Pipelines

- Building ETL/ELT Pipelines & Data Workflows
- Real Time Data Streaming (Apache Kafka, ksIDB, Kafka Connect)
- Data Modeling & Transformation (dbt, SQL)
- Containerization & Deployment (Docker)
- Cloud Platform (AWS)

Backend & APIs

- Python Backend Development (FastAPI, Django)
- RESTful API Development & Integration

Machine Learning & AI

- Building Machine Learning Models
- Model Training & Hyperparameter Tuning
- Computer Vision & Image Processing
- Natural Language Processing (NLP)

Analytics & Reporting

- Data Warehousing & Querying (Athena, SQL)
- Business Intelligence (Metabase, Tableau)
- Dashboarding & Visualization

Frontend Development

- React, HTML, CSS, JavaScript
- UI/UX Implementation for Full-Stack Apps

Software Development Practices

- Version Control & Collaboration (Git, GitHub, CI/CD with GitHub Actions)
- Testing & Documentation

ADDITIONAL INFORMATION

- Awards:** Best Project: Interface/Design - Awarded by UTS Tech Festival 2025 - Software Engineering Showcase
- Languages:** English, Polish, Korean.
- Certificates:** Ultimate AWS Certified Developer. 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.