

Treza Bawm Win

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AI and data science enthusiast with a decade year of backend engineering experience and a strong foundation in Java, Python, data analytics, and machine learning. Recently completed an M.Sc. in Big Data & Business Analytics at ESCP Business School and currently working as an AI Engineer intern, gaining hands-on experience in LLM applications and data-driven solutions. Passionate about building scalable, intelligent systems and collaborating with cross-functional teams.

AREAS OF EXPERTISE

- Java, Python (pandas, scikit-learn, NumPy), SQL
- ML techniques
- RAG, LangChain, AI Agent
- Design pattern, data structures & Algos
- REST APIs, React, Node.js
- Tableau, Dataiku, Snowflake cortex
- Git, Docker, Maven, Jira, Confluence
- Agile, Scrum master
- Cross-functional team management
- Leadership

PROFESSIONAL EXPERIENCE

APM CREATIVE DIGITAL

AI Engineer Intern

Aug 2025 – Present

Paris

- Applied LLMs to support compliance auditing of smart contracts in regulated finance.
- Designed and implemented a hybrid AI framework for auditing contracts and built evaluation pipelines and benchmarked LLM-generated outputs against expert-reviewed compliance rules.
- Developed a RAG solution to enhance the accuracy and coverage of rule extraction from legal texts.
- Supported research for a Master's thesis on AI-augmented auditing in tokenized finance.

AMADEUS GDS PTE LTD

Senior System Analyst

May 2022 – Sep 2024

Singapore

- Developed and implemented a multi-airports message center application, leveraging data analytics to optimize high-traffic airport message management, improving operational efficiency by analyzing message flow and enhancing instant switch functionality between airports.
- Led a team of 3 to develop Blackduck and Fortify scanner tools, resolving critical security and compliance issues, and reducing license management risks by more than 50%.
- Contributed to architecture and steering committee, driving technical decisions aligned with strategic objectives.
- Managed a maintenance team of 4, utilizing data from production and pre-production environments to prioritize troubleshooting, ensuring system stability and reducing downtime by 30%.

AMADEUS IT GROUP

Software Development Engineer

Nov 2018 – Apr 2022

Nice, France

- Developed airport resource management and optimization solutions tailored to airports' business KPIs, utilizing server-side logic, REST APIs, and front-end interfaces to enhance operational efficiency.
- Designed and developed a dynamic business rule engine using Drools, enabling customizable airport rules and optimization airport resources usages, and prioritizing tasks to align with business goals.

AMADEUS GDS PTE LTD

System Analyst

Aug 2012 – Oct 2018

Singapore

- Designed and developed a fixed resource optimization solution for airports using the OptaPlanner engine, improving operational efficiency.
- Supported user acceptance testing and fine-tuned optimization delivery for Changi Airport, ensuring alignment with business needs.
- Led development of server-side enterprise applications and interfaces leveraging Java, REST, JMS, ActiveMQ, and EJB frameworks to enhance system functionality and reliability.

EDUCATION

ESCP Business School

M.Sc. in Big Data and Business Analytics

2024 - 2025

France/Germany

- Projects: Machine learning, NLP, Data mining, hackathon group project winner at Criteo

National University of Singapore/Institute of Systems Science

Master of Technology in Software Engineering (dropout)

2017 - 2018

Singapore

National University of Singapore/Institute of Systems Science

Graduate Diploma in Systems Analysis

2011 - 2012

Singapore

University of Computer Studies Yangon

Bachelor of Computer Science B.C.Sc. (Honors)

2005 - 2009

Myanmar

SPOKEN LANGUAGES

Burmese: Native | English: C1 | French: A2 | Korean: A2