

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
- Tableau, Dataiku, Snowflake cortex
- Design pattern, data structures & Algos
- REST APIs, FastAPI, React, Node.js(basic)
- Git, Docker, Maven, Jira, Confluence
- Agile, Scrum master
- Cross-functional team management

PROFESSIONAL EXPERIENCE

APM CREATIVE DIGITAL

Aug 2025 – Present
Paris

AI Engineer Intern

- Working on applying LLMs (GPT-4, CodeBERT) alongside static analysis tools to support smart contract auditing.
- Developing a hybrid AI framework for auditing real-world asset (RWA) contracts in line with Hong Kong compliance requirements.
- Setting up datasets and evaluation pipelines to benchmark AI models against traditional auditing tools.
- Contributing to research for a Master's thesis on AI-augmented auditing of smart contracts.

AMADEUS GDS PTE LTD

May 2022 – Sep 2024
Singapore

Senior System Analyst

- 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

Nov 2018 – Apr 2022
Nice, France

Software Development Engineer

- 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

Aug 2012 – Oct 2018
Singapore

System Analyst

- 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

Oct 2024 – Jun 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: mother tongue | English: C2 | French: A2 | Korean: A2