

Yassin Kina

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in yassin-kina 🌐 YassinKina 📧 @yassinkina

Skills

Technical: PyTorch, Python, SQL, Hugging Face, Pandas, NumPy, Git, Linux/Unix (CLI)

Languages: English (Native), Arabic (C1), French (B2), German (B1)

Education

University of Tübingen

Master of Arts in Computational Linguistics

Tübingen, Germany

Oct 2025 – Present

- Coursework: Neural Networks, Linear Algebra, Multivariable Calculus

International Islamic University Malaysia

Arabic Language Immersion

Kuala Lumpur, Malaysia

Oct 2024 – May 2025

- Completed intensive coursework focusing on Classical Arabic morphology and Quranic syntax.
- Developed a deep foundational understanding of Semitic linguistic structures required for research in Arabic NLP and Machine Translation.

Tufts University

Bachelor of Science in Computer Science

Medford, USA

Aug 2018 – May 2023

- Coursework: Machine Learning, Software Engineering, Data Structures and Algorithms

Experience

Sales Account Associate - E-Commerce Data & Performance Analyst

Evolved By Nature

Needham, USA

Jul 2023 – Jan 2024

- Managed \$750K+ in annual ad spend, leveraging statistical insights to generate \$1.9M+ in revenue while optimizing ACOS and CTR to maximize market share.
- Engineered Python scripts for historical data analysis, reducing manual data processing time by 50%.
- Developed data pipelines to identify under-performing SKUs, leading to optimized keyword bidding strategies that increased ROAS by 60%.

Projects

Pokémon Image Classifier



- Designed and implemented a Dynamic CNN using PyTorch, featuring configurable layers, batch normalization, and dropout to classify 150+ Pokémon species.
- Built and deployed an interactive web application using Streamlit, allowing users to upload images and receive real-time classification results.
- Developed a robust data pipeline using the Hugging Face Datasets library for automated dataset splitting and image transformations.

Amazon Product Insight Engine



- Fine-tuned RoBERTa on Amazon reviews for multi-class sentiment analysis, implementing weighted loss functions to resolve class imbalance across 5-star ratings.
- Developed a Streamlit app for real-time and bulk inference, integrating dynamic probability visualizations and automated brand strategy insights.
- Built a modular Python package with reproducible data streaming, Weights & Biases experiment tracking, and Pytest for pipeline reliability.