

# Yassin Kina

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in yassin-kina    🌐 YassinKina    📧 @yassinkina

## Skills

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**Technical:** PyTorch, Python, SQL, Hugging Face, Pandas, NumPy, Git, Linux/Unix

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

## Education

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### 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

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### 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 generating \$1.9M+ in revenue by optimizing ACOS and CTR to improve advertising efficiency.
- Engineered Python scripts for historical data analysis, reducing manual data processing time by 50%.
- Developed data pipelines to identify underperforming SKUs, leading to optimized keyword bidding strategies that increased ROAS by 60%.

## Projects

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### 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.