MUAATAZ ISMAEEL

Baku, Azerbaijan | muaataz56@gmail.com
Linkedin/Muaataz-Ismaeel | github.com/MuaCodez30 | muaataz.com

EDUCATION

ADA University — **Baku, Azerbaijan**
Bachelor of Science in Computer Science — **Expected December 2026**
- Selected coursework: Machine Learning, Deep Learning, Artificial Intelligence, Computer Vision, Big Data Analytics

British School in Baku (Including NCUK Foundation year) — **Baku, Azerbaijan**
2012 – 2022

PUBLICATIONS & CONFERENCES

Multimodal Fake-Information Detection for Low-Resource Language in Case of Azerbaijani Language — **Urumqi, China**
NLPAI 2026 — Co-authored with A. Aliyev, B. Hasanov, I. Alishov, A. Huseynli, S. Rustamov — **July 2026**
Accepted and presented; won the Best Presentation Award; to appear in ACM ICPS.

RELEVANT EXPERIENCE

HAL-X — **Baku, Azerbaijan**
AI Engineer Intern — **Aug 2026 – Present**
- Fine-tuned a multilingual transformer model that detects and masks personal data in documents across multiple languages, combined with a rules layer for structured formats.
- Built an LLM-based pipeline that generated a large labelled training dataset, with automated checks for label accuracy, duplicates and data leakage.
- Extended the dataset to new languages through a validated translation pipeline, and ran robustness tests on real-world documents and office file formats.
- Now developing a general-purpose AI decision model: planning data, training and evaluation; building validation pipelines for large datasets with Claude Code and independently re-checking AI-written code.
- Coordinate a small team: split the work, review and merge contributions, and write sprint plans.

QuickRecap — **Baku, Azerbaijan (Hybrid)**
Co-Founder & CTO — **June 2026 – Present**
- AI podcast-summary app: users share a link, pick a time range and get a summary. Built the Gemini pipeline (Whisper/Deepgram, map-reduce for long episodes, model failover) on a Supabase backend.
- Native SwiftUI iOS app live on the App Store (StoreKit 2 billing); 150+ downloads, Android in progress.

Kelly Tutors — **Remote (USA)**
AI Education Research & Market Analyst Intern — **May 2026 – Aug 2026**
- Benchmarked EdTech platforms on topics, pricing and enrollment trends, and turned the findings into positioning recommendations.

DetalTap — **Baku, Azerbaijan (Hybrid)**
Co-Founder & CTO — **Sep 2025 – Feb 2026**
- Led technical direction for a car-parts marketplace: built a Telegram bot prototype for part requests, then a fully functional website with search, listings and seller onboarding (launch-ready; no public launch).

FEATURED PROJECTS

Multimodal Fake Content Detection System (Senior Design Project) — Project Lead — **May 2026**
- Built a video detection pipeline using ResNet50 with temporal differencing on the FaceForensics++ dataset.
- Worked on text detection first, then video; applied classical ML classifiers across both modalities.
- Led the team under two faculty supervisors; the work became the NLPAI 2026 paper above.

ACTIVITIES & AWARDS

- **Cursor Hackathon Baku – led a team that built a prompt-risk guardrail in one day; pitched and demoed it.**
- **University Demo Day (SABAH.HUB × Baku ID) – won 1st place with QuickRecap as Co-Founder & CTO.**
- **University Demo Day (SABAH.HUB × Baku ID) – presented DetalTap as Co-Founder & CTO.**
- **Data Analytics, Code Academy (in progress) · Exploring AI, Azerconnect (certificate) · HSK2 Chinese**

ADDITIONAL INFORMATION

Languages: Turkmen (Native), English (Native), Arabic (Fluent), Azerbaijani (Upper-Intermediate), Chinese (Beginner)

Technical Skills: ML & NLP: Python, scikit-learn, TensorFlow, XGBoost, MLflow, Hugging Face Transformers | **LLMs & AI tools:** OpenAI, Gemini and Groq APIs, Claude Code, Codex, Cursor | **Data:** pandas, NumPy, SQL, Matplotlib, Tableau, Jupyter | **Engineering:** Git/GitHub, JavaScript, TypeScript, SwiftUI, Supabase, Java, WebGL/GLSL