Haider Gillani

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Education

Minerva University — **San Francisco, CA**

BSc Computational Sciences (**AI & ML**) & Business (**Strategic Finance**) - **GPA 3.7** — Class of 2025

- Global undergraduate program including location-based assignments and industry experience in 7 countries (***US, South Korea, Taiwan, India, Argentina, Germany & the UK***)
- **Courses**: ALCF AI Supercomputing, Machine Learning, Full-Stack Software Dev, Optimization & Dynamic Programming

Experience

Hewlett-Packard (HP Inc.) — **Vancouver, WA**

AI Engineering Lead & SMB AI Integrations - HP AI — June 2024 – Present

- Built and launched **HP's first two "HP AI" features** (Precise Scan & Scan to Email Summary) as an AI Engineer and Technical PM, owning 0 → 1: initial ideation, customer testing, and product launch in the US
- Created HP's AI subscription bundle for **~1 million+ monthly SMB users**, generating **multi-million-dollar ARR** across **~100 million+ scan jobs** and cutting scan time by **50%**, saving businesses **thousands of work hours** per month
- Built a structured knowledge base of scanned SMB data, **queryable** with **HP AI**, and automated document routing and data extraction via OCR metadata using **Claude**, **TensorFlow**, and **AWS Bedrock**
- Received HP's "***Future of Print***" and "***AI Native Thinker***" awards from **HP's President** Anneliese Olson

miQ (trymiq.com) — **San Francisco (Remote)**

Founder & Full-Stack Engineer — Aug 2026 – Present

- Building a web app that turns event attendees' phones into wireless microphones, with no hardware required, and easy to set up, unlike incumbent systems that need AV-integrator installs
- Architected a highly optimized real-time audio channel that routes audio to venue PA, with such efficiency that it can support **1000+ attendee events** on low-bandwidth Wi-Fi at negligible cost (**< $1**) and **low latency** via WebRTC
- Piloted at **5 events with ~100 attendees** each in Portland/Vancouver, providing live transcription and post-event AI summaries

Taiwan Digital Diplomacy Association — **Taipei, Taiwan**

AI / ML Intern - War in Ukraine — Sep – Dec 2022

- Built **data pipelines** to analyze **200,000+** posts on Ukraine war that reached **1 million+** people on Facebook, TikTok & Twitter using **Apache Spark** and **Python** web scraping
- Led 3 engineers to do **NLP:** Topic Modeling & Sentiment Analysis using **CUDA parallel compute,** to measure how social media posts from President Zelenskyy and MOFA influenced **500,000+** Ukrainians and the international community

StarcAI: AI Sentiment Modification for Financial Communications — **San Francisco, CA**

Startup Co-Founder - AI / ML Engineer & Full Stack Developer — Feb 2023 – May 2025

- Co-founded an **AI-based financial** SaaS that adjusts the sentiment of public/investor communications for public companies
- Trained a 6-scale sentiment model (e.g., *investor confidence, investment likelihood*) on **10,000+ investor-annotated reports** & 10-K filings with **NVIDIA's** CUDA; built the **web app** with React, Next.js, REST API, and Python
- Mitigated LLM hallucinations and sycophancy using **TensorFlow NLP** (topic modeling/semantic similarity) & **RLHF**

The United Nations (UN) — **New York, NY**

Diplomat Intern & **AI Engineer** at Pakistan Mission to the UN — June – Sep 2025

- Built an **Agentic AI workflow with Chain-of-Thought** reasoning that extracts information from the UN database, helping delegates and PRs plan, synthesize notes, and draft decision-ready communications
- Built **ML pipelines** that extract, structure, and communicate country stances and policy signals from Security Council proceedings for Pakistan's Ministry of Foreign Affairs on key issues, ranging from the Global Economy to WMDs

Skills & Contributions

- **Technical Skills:** MLOps, LLM Training & Fine-tuning, NLP (Topic Modelling & Sentiment Analysis), Machine Learning (TensorFlow, Vertex AI, LLaMA, GPT, Neural Networks), Statistics & Probability, Simulation Modelling, Data Engineering, Audio Engineering, Cloud Computing (GCP, AWS, Azure)
- **Languages/Frameworks:** Python, TensorFlow, LangChain, CUDA, Databricks, Hugging Face, WebRTC, LiveKit
- **Contributions:** NVIDIA: Training LLMs for Business, Meta Developer, Microsoft Power Automate Expert
- **Soft Skills:** Problem-Solving, Value-Driven Persistence, Critical Thinking, Team Collaboration, Product Management
- **Global Youth Forum, Taiwan (2022):** Student speaker; led seminars on AI & LLMs for Business in a 4-day think tank with Stan Shih (Founder, Acer), Audrey Tang (Digital Affairs Minister, Taiwan) & experts from **30+** countries