

Ali Nikkhah

Machine Learning Researcher / Machine Learning Engineer

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SUMMARY

I design agentic, multimodal, and retrieval-augmented systems that turn state-of-the-art research into production-grade platforms for marketplaces, healthcare labs, and research organisations.

EXPERIENCE

Turquoise Digital - Senior Data Scientist \(Sep 2025 - Nov 2025) - Multilingual recommendations, audit-ready monitoring, and generative merchandising intelligence.

Turquoise Digital - Data Scientist \(Aug 2025 - Sep 2025) - Established experimentation cadences and data foundations.

Trinity College Dublin - ML Researcher, EmoDub \((May 2025 - Nov 2025) - Emotion-aware speech translation with SER fusion and MOS/E-F1 evaluations.

University of British Columbia - Ultrasound Report Generation RA \((Feb 2024 - Nov 2025) - ViT/BLIP encoders + T5 generators with clinician dashboards.

Digikala - AI Engineering R/D Lead \((Jan 2025 - Aug 2025) - Modular control pipelines, agentic RAG, and evaluation loops.

Digikala - AI Engineer \((Nov 2024 - Jan 2025) - Multi-agent orchestration and hybrid retrieval systems.

L3S Research Center - Video Motion Classification RA \((Apr 2023 - Feb 2024) - Texture-free motion intelligence with transformers.

HomaCloud - MLOps Engineer \((Aug 2021 - Feb 2022) - CI/CD, training, and serving infrastructure for distributed ML.

EDUCATION

Sharif University of Technology - B.Sc. Electrical & Electronics Engineering \((2020 - 2024)

Atomic Energy High School - Mathematics Diploma \((2017 - 2019)

RECOGNITION

Iran University entrance exam distinction | IELTS Academic \((Computer) Band 8