

Ali Nikkhah

Machine Learning Researcher / Machine Learning Engineer

Tehran, Iran | +98 991 296 3951 | alinkkh9@gmail.com

LinkedIn: [linkedin.com/in/alinikkhah2001](https://www.linkedin.com/in/alinikkhah2001) | GitHub: github.com/AliNikkhah2001

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 \(\text{Sep 2025} - \text{Nov 2025}\) - Multilingual recommendations, audit-ready monitoring, and generative merchandising intelligence.

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

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

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

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

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

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

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

EDUCATION

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

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

RECOGNITION

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