

AMIRHOSSEIN IZADI

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Tehran, Iran

EDUCATION

• Shahid Beheshti University

2020 - 2025

Bachelor of Computer Engineering

- GPA: 3.62/4.00 (17.03/20)
- Two last year's GPA: 3.86/4.00 (18.22/20)
- Remarkable course scores: AI(20/20), ML(18.3/20), DL(19.5/20), CV(20/20), DSA(17.5/20)

RESEARCH INTEREST

- Machine Learning
- Deep Learning
- Generative AI
- Computer Vision
- Multi-Modal AI
- AI in Healthcare

WORK EXPERIENCES

AI & Automation Engineer - Digikala, Customer Excellence Department

August 2026 - Present

Working in a Senior-level role on AI and automation initiatives for customer support operations, spanning technical development and product-oriented responsibilities. Designing AI-powered workflows and automation solutions in close collaboration with senior engineers, engineering managers, Product, Technology, Data, and Operations teams, while reporting directly to the Customer Service Director.

Artificial Intelligence Olympiad Tutor - Talayiha Olympiad Club

October 2026 - Present

Teaching Machine Learning and Deep Learning through theoretical and hands-on problem-solving sessions for AI Olympiad students at Talayiha, a prestigious Olympiad preparation institute with a strong track record of medal-winning students.

AI Specialist - Arian Data

January 2025 - Present

Production-oriented AI development under the supervision of [Dr. Ostad Mohammadi](#) and [Dr. Nilli Ahmadabadi](#). Developed ML/LLM systems across industrial automation, healthcare, and business workflows, spanning data processing, model development, deployment, and production integration.

AI Software Engineer - Intelligent Hub (Canada)

March 2026 - May 2026

Built an enterprise procurement automation system using LangGraph pipelines to process emails and PDF/OCR attachments, extract requirements, automate routing, and resolve missing fields under the supervision of [Ali Abedi](#) and [Mariam Afshin](#).

Mentor, Machine Learning Bootcamp - Rahnema College

Summer/Winter 2025

Holding workshops and Guiding participants through an 11-week, project-based program on ML and AI, covering deep learning, NLP, and MLOps. delivered sessions include modern Python features and NLP workshop. mentored students on capstone with Torob: built a VLM-based product tagging system.

Mentor, MLOps Bootcamp (x2) - Quera

Spring-Summer 2026

- Mentored participants in a 6-week MLOps bootcamp covering reproducible pipelines, deployment, experiment tracking, CI/CD, monitoring, drift, and retraining.

AI Developer - Hamrah Aval (MCI)

October 2024 (Internship)

Worked on AI-powered Resume Reader(OCR) and Reviewer that rates CVs using LLMs based on HR KPIs.

Teaching Assistant - Sharif University of Technology

Designing Slides and the Assignments and colabrating in Machine learning contest in technical team

- Machine learning
 - Deep learning (**Graduted** course)
 - Modern Information Retrival
 - Intelligent Analysis of Biomedical Images (**Graduted** course)
- Fall 2024 - Dr. Sharifi Zarchi
Spring 2025, Spring 2026 & Fall 2026 - Dr. Soleymani Baghshah
Spring 2026 - Dr. Soleymani Baghshah
Fall 2026 - Dr. Rohban

Head of Teaching Assistant Team - Shahid Beheshti University

Design and Grading assignments, holding classes and leading group projects or discussions.

- Python programming
 - Introductory to AI
 - Engineering probability & statistics
 - Machine learning (**Graduted** course)
 - Digital system design
 - Operating systems
- Spring 2024 - Dr. Riahi-Madvar

Fall 2023 - Dr. Aghaei

Fall 2023 - Dr. Safaei

Fall 2024 - Dr. Riahi-Madvar

Fall 2024 - Dr. Jahanian

Spring 2025 - Dr. Riahi-Madvar

Teaching Assistant - Shahid Beheshti University

Designing assignments and the final project and holding classes

- Discrete Mathematics
 - Data structures
 - Advanced programming
 - Introductory to AI
 - Linear algebra
 - Computer vision
 - Software engineering
 - Machine learning
 - Deep learning (**Graduted** course)
- Spring 2022, Fall 2022 & Spring 2023 - Dr. Abdoos

Spring 2023 - Dr. Abin | Spring 2024 - Dr. Alidoostnia

Spring 2023 - Dr. Vahidi Asl

Fall 2023 - Dr. Aghaei | Fall 2023 - Dr. Nabavi

Spring 2024 - Dr. Malek

Spring 2024 - Dr. Mahmoudi Aznavveh

Fall 2024 - Dr. Alidoostnia

Fall 2024 - Dr. Malek

Spring 2025 - Dr. Malek

Instructor & Bootcamp Owner - SBU AI Club

Summer 2024

Led and instructed a machine learning bootcamp for the Shahid Beheshti University AI Club, delivering content through multiple sessions as the primary instructor. Provided hands-on training to participants.

Instructor, AI Agent & Automation Bootcamp - Tehran Technology House

August 2026 - October 2026

Teaching a 30-hour project-based bootcamp on AI agents and business automation for managers and business professionals, covering n8n, LLMs, APIs, RAG, MCP, and end-to-end workflow design.

HONORS & COMPETITIONS

- 2nd Place, AI Hackathon — 1st International Conference on AI, Feb 2025; NLP/DL-based UGC analysis.
- Rank 13, Divar AI Hackathon — Divar AI Contest, 2024; LLM application development among 2,878 participants.
- 5th Place, RoboCup WorldCup — Netherlands, Summer 2024; Soccer 2D Simulation AI/RL strategy optimization.
- 655th/130,000, National University Entrance Exam — Tuition waived admission to Shahid Beheshti University

PROFESSIONAL ASSOCIATIONS & VOLUNTEER ACTIVITIES

- Member of the Central Council of SBU Computer Engineering Scientific Association 2021 - 2023
- Prime Member of Shahid Beheshti University AI Club 2024 - Present
- Author at Pixel Magazine (publication owned by the Faculty of Computer Engineering of SBU)

SKILLS

- **Programming Languages:** Python, C/C++, Java
- **Web Technologies & Data Systems:** Django, FastApi, SQL, NoSQL, Vector DBs
- **AI/ML:** Foundation ML/DL, Computer Vision, Data science & Analytics, NLP/LLMs & Agentic tooling
- **Dev/ML Ops:** Containerization, Model Serving, Experiment Tracking, Inference Optimization, Monitoring & Observability

PROJECTS

- **Healithic:** Agentic health-tech platform with LLM workflows and secure AI gateway
- **License Plate Recognition** — Two-stage YOLO pipeline for real-time factory CCTV streams
- **QR Code Reader** — YOLO-based QR detection with a U Shape enhancement network enabling low-resolution decoding.
- **Generic RAG** — RAG with rewriting, memory, FAISS retrieval, multi-provider LLMs

- **Web Crawler Detection (Sanjagh)** — Unsupervised crawler detection using engineered features extracted from Nginx logs
- **Villa Pool Classifier (Jajiga)** — Multi-image classifier predicting pool presence in villa listings
- **Database-Driven AI Agent** — SQL-aware RAG agent with role-based SQL and sandboxed visualization
- **Bachelor Thesis — MRI Reconstruction** — Domain-adaptive MRI reconstruction using Vision Mamba

ADDITIONAL INFORMATION

Languages: Persian (Native), English (Fluent)

Interests & Hobbies: Going to the gym, Cooking, Playing Volleyball, Listening to podcasts, Playing Padel

REFERENCES

1. **Dr. Hamed Malek**
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Shahid Beheshti University
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2. **Dr. Monireh Abdoos**
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3. **Dr. Mahboobeh Riahi-Madvar**
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4. **Dr. Ahmad Mahmoudi Aznaveh**
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Other References WebPages and emails are available via this [link](#).