

Ali Hatami Tajik *January 17, 2001*

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Tehran • Tehran • Iran

Education

Sharif University of Technology

TEHRAN, IRAN

M. Sc. Computer Engineering (Secure Computing)

2024 – present

Important Passed Courses: Security and Privacy in Machine Learning (Dr. Sadeghzadeh), Secure Software Systems (Dr. Kharazi), Information Security Eng. & Mng. (Dr. Kharazi), Blockchain (Dr. Sadeghzadeh)

Ranked top-100 in entrance exam (a.k.a. Konkoor)

Sharif University of Technology

TEHRAN, IRAN

B. Sc. Computer Engineering (Minored with Philosophy of Science)

2019 – 2024

Final Project: "Enhancing QoS with Multi-Tier Personalized Content Caching in Fog Networks"

Important Passed Courses: Machine Learning, AI, Embedded Systems, Real-Time Systems, Computer Simulation, Multi-Core Computing, Design Algorithm, Modern Information Retrieval

Ranked top-100 in entrance exam (a.k.a. Konkoor)

GPA: 18.23/20

National Organization for Development of Exceptional Talents

YAZD, IRAN

Diploma (Math & Physics)

2016-2019

GPA: 19.74/20

Experience

LingoTube

TEHRAN, IRAN

AI Team Lead

Mar '25 – Jun '25

Developing and deploying ASR models specialized in Farsi language, and preparing Farsi ASR dataset and benchmark.

Sepanta Healthcare

TEHRAN, IRAN

Software Engineer

Feb '23 – present

Developed efficient software for ultrasound device and provided solutions to complex engineering problems with high-performance systems. Built internal tools and automated processes, including build systems, CI/CD pipelines, test frameworks. Contributed to engineering workflows. Consulted on security best practices for embedded devices, including OTA updates, OS hardening, and the supporting infrastructure. Acknowledged as a dependable teammate in providing mentoring or assistance to team members as needed.

MicroMasters

TEHRAN, IRAN

Teaching Assistant

Fall '22

Software Testing Course

Sharif University of Technology

TEHRAN, IRAN

Teaching Assistant

Sep '20 – Apr '23

Fundamental of Programming (F20: Dr. Reza Fakoori F21: Dr. Amin Fazli), Advanced Programming (S21, S22: Dr. Amin Fazli), Computer Structure and Language (F21, F22: Dr. Sarbazi Azad F22: Dr. Asadi), Embedded Systems (F22: Dr. Ansari), Computer Architecture (F22, S23: Dr. Laleh Arshadi)

Skills

Software Engineering TDD, SDLC, Clean Architecture, OOP, FP, Containerization, Version Control (Git), Scripting & Automation, Agile (Scrum), Debugging

C/C++ (Advanced): Parallel Programming CUDA and OpenCL, Embedded and Real-time programming (ESP, Arduino), GUI programming (Qt framework)

Python (Advanced): PyTorch, HF, Computer vision, Numpy, Pandas, scikit

AI & ML (Intermediate) Data processing, MLOps, Model development, fine-tuning, data crawling

Java (Mid): Basic experience with Spring Boot and Hibernate, GUI programming (JavaFX framework)

Linux (Intermediate working proficiency) Driver development, LPIC-1,

Other Technical Skills: Rust (beginner), Database Design, Ethical hacking (well foundations with limited practical experience), Limited IBM zOS Experience

Natural languages: Persian (*mother tongue*), English (*full professional proficiency*), German (*beginner*).

Professional Training & Certificates

CEH v11 Certificate, IEEE Iran Section KNUT, September 2021

Network+ Certificate, Kaipad, September 2015

Quantum Machine Learning, QAIOT (Resana, Sharif UT), August 2023

Neural Networks and Deep Learning (Andrew Ng), Coursera, June 2021

Machine Learning (Andrew Ng), Coursera, September 2020

Extracurricular Activities

Member of Student Council at Computer Engineering Department, 2021-2022

Member of Tarh-e-Poshtiban, A non-profit student association which helps freshmen students (Fall 2020 2022, As Support and head of finance)

IoT Mentor of MadeInLobby Event, (An event held for freshmen year students)

Interests

Non-exhaustive and in alphabetical order: 3D design and game development, AI & ML, Automation, Cooking, Embedded device development, Philosophy, Tinkering/hacking things