

Arash Attari

curriculum vitae



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Education

2019 – 2023 **Bachelor of Computer Engineering**
Teaching Assistant for “Operating Systems” and “Signals and Systems”
Department of Computer Engineering and IT
Shahrood University of Technology

Work Experience

Jul 2024 – Present (FT)
Limoo Host (limoo.host)
System Operations Engineer
Monitoring servers using Grafana; preparing technical reports; maintaining server availability; installing and configuring systems; managing virtual machines.

Aug 2023 – Jul 2024 (FT)
Limoo Host (limoo.host)
Network Support Engineer
Troubleshooting network issues; performing DNS checks (intoDNS, Check-Host); administering systems via cPanel and DirectAdmin; general system administration.

Jan 2021 – Jan 2022 (FT)
Safir Language Academy
English Teacher
Teaching English to young adults and children; designing engaging language-learning activities.

Sep 2022 (PT)
APA
Programmer (Internship)
Worked under Dr. Rezvani to test a website interface using Selenium, a Python-based browser automation framework.

Computer Skills

Expert	Rust
Intermediate	Python
Intermediate	Selenium, Flask, Django
Expert	Linux
Expert	JavaScript

Projects

ESP32 WiFi Scanning – Rust

A lightweight web server that displays nearby WiFi signals on a single webpage. Designed for the ESP32 microcontroller and implemented in Rust.

Digikala Web Scraper – Node.js

A data extraction tool built with Node.js and Puppeteer to collect product information from digikala.com.

Cat Mimic – C

A file-reading utility inspired by the Unix cat command. It reads files in manageable chunks to handle large datasets without memory issues.

curltrace – Python BPFtrace

A production-grade BPFtrace tool used by the LimooHost T.O.C team to monitor outgoing curl requests on over 60,000 WordPress sites. Aids in debugging network and security issues.

Tourism App – Next.js

- Developed a full-stack tourism web application using Next.js and Prisma.
- Implemented dynamic city and tour listings with booking workflows.
- Utilized TypeScript and Tailwind CSS for type safety and responsive design.

Dictionary Maker – Python

Inspired by reading James Joyce's **Ulysses**, this program generates glossaries from lists of vocabulary items. A Persian description and examples are provided in the repository.

My Vocab List – Python GUI

A desktop application for storing and organizing vocabulary lists, providing direct links to definitions in online dictionaries.

Information Retrieval System – Python

A document indexing and search system implementing the TF-IDF algorithm for efficient text retrieval and ranking.

Skills

Certificates

VITTCO Teaching Certificate, Safir Language Academy.

Git

Experienced in the full Git lifecycle, managing codebases from initialization to deployment. My expertise includes advanced commands for **branching, merging, rebasing, and conflict resolution**, alongside the practical application of Git Flow/GitHub Flow strategies. I use **GitHub** as the primary platform for collaboration, code review, and maintaining a transparent record of all feature development and bug fixes.

Django

Developed multiple projects using the Django web framework.

- Experienced with the MTV architecture.
- Skilled in Django ORM, custom user models, and template design.
- Deployed a Django project on **Liara**.

Docker

Gained proficiency in Docker and Docker Compose during the Bachelor's final project. Familiar with containerizing single and multi-service applications.

Information Retrieval

Implemented an IR system using the TF-IDF algorithm during academic research. Knowledgeable in data mining and information retrieval techniques.