

# 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

### Limoo Host (limoo.host) **System Operations Engineer**

Jul 2024 – Present (FT)

Monitoring servers using Grafana; preparing technical reports; maintaining server availability; installing and configuring systems; managing virtual machines.

### Limoo Host (limoo.host) **Network Support Engineer**

Aug 2023 – Jul 2024 (FT)

Troubleshooting network issues; performing DNS checks (intoDNS, Check-Host); administering systems via cPanel and DirectAdmin; general system administration.

### Safir Language Academy **English Teacher**

Jan 2021 – Jan 2022 (FT)

Teaching English to young adults and children; designing engaging language-learning activities.

### APA **Programmer (Internship)**

Sep 2022 (PT)

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

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## *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

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## *Certificates*

VITTCO Teaching Certificate, Safir Language Academy.

## *GitHub Portfolio*

Public repositories demonstrating software engineering, systems programming, and research-oriented projects are available on my GitHub profile.

## *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.