

Arash Attari

résumé



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WORK EXPERIENCE

Limoo Host limoo.host

JULY 2024, NOW (FT)

System Operations Engineer

Monitoring servers(grafana), technical report, Maintaing servers availability, Installing and Configuring servers, working with virtual machines

Limoo Host limoo.host

AUG 2023, JULY 2024 (FT)

Network Support

troubleshooting network problems, intoDNS, Check-Host, cPanel, DirectAdmin, sysAdmin

Safir

BAHMAN 1401, FROM BAHMAN 1400 (FT)

English Teacher

Teaching English to young adults and children

APA

SHAHRIVAR 1401, FROM KHORDAD 1401 (PT)

programmer

I worked as an intern for Dr. Rezvani in APA. I had to test a website interface using selenium — a python library for interacting with web browsers

EDUCATION

2019 – 2023

Bachelor Of Computer Engineering

“OPERATING SYSTEMS”, AND “SIGNALS AND SYSTEMS” TA

Computer Engineering and IT

Shahrood University Of Technology

COMPUTER SKILLS

INTERMEDIATE Rust

INTERMEDIATE Python

INTERMEDIATE Selenium, Flask, Django

EXPERT Linux

INTERMEDIATE GitHub

BASIC Javascript

SKILLS

Certificates

VITTCO for teaching language from Safir Academy

GitHub page

Please visit my GitHub page. I have some projects there for public use and for demonstration as a portfolio.

Django

I've done projects in Django web framework. I know about the MTV architecture. I know how to make models and views. I also have deployed a project in [Liara](#) I can work with Django ORM. I can make customized user model.

- Django ORM
- making customized user model. (changing permission)
- Django templates

Docker

Knowledge of Docker was a requisite for my Bachelor's program project, therefore I am familiar with containerizing projects with Docker or a group of containers with docker-compose.

Retrieval information system

During my studies, I developed a IR system using tf-idf Algorithm. I also have good knowledge in Data mining techniques.

PROJECTS

esp32 wifi Scanning

This program is a web server showing nearby wifis in single web page, targeted for esp32. It's written in Rust programming language.

Digikala View Generator

It is made to create views on digikala.com using NodeJs puppeteer for browsing on server side.

cat-mimic

Reading files chunk-wise/ This is a project made for fun to implement/mimic cat command.

Dictionary Maker

The idea to create this program came to my mind when I was reading one of the most difficult English novels, Ulysses. It takes a list of vocabulary as an input and generates a glossary for it.

Persian description of the project along with some show cases is available in the Github repository page.

My Vocab List

A GUI application to store list of your vocabularies. you can click on each word and then be directed to the definition of it in popular online dictionaries.

Information Retrieval System

This is a project I am most proud of. It indexes and searches queries over a body of texts and documents.

STATEMENT OF PURPOSE

Working at [Limoo Host](#) since August 2023 has taught me the importance of collaboration in technical support. Effective communication with team members is crucial for addressing issues promptly and efficiently.

While at the university, Sheyda Safiollah and I were the first students to serve as Teaching Assistants for Operating Systems courses. Unfortunately, Sheyda later resigned due to her busy schedule. During this time, I gained valuable knowledge of the Linux Kernel, free software development environments, and internals of Linux operating system. Last year, I delved into the Rust programming language, drawn to its vibrant community and reputation for fostering a deep understanding of computer science fundamentals. Rust's unique approach to memory safety, combined with its emphasis on concurrency and parallelism, has allowed me to explore concepts such as atomic operations, multi-threading, and asynchronous programming in a practical and efficient manner¹. After gaining practical experience, I decided to gain deeper insight into distributed systems through self-study².

My long-term goal is to pursue a Ph.D. in Computer Science. American Institutions of higher education offer a good opportunity for me to continue my studies and conduct research in computer science. I would be glad to collaborate with your Research Lab.

¹Bos, Mara. Rust Atomics and Locks. United States: O'Reilly Media, 2022

²Steen, Maarten van., Tanenbaum, Andrew S.. Distributed Systems. Netherlands: CreateSpace Independent Publishing Platform, 2017