

Farbod Shahinfar

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Research Interests:

Data Centers & Cloud Computing, Computer Systems Performance,
Distributed Systems, Operating Systems, Computer Systems

EDUCATION

MSc. Computer Software Engineering Sharif University of Technology
Graduating September 2022

BSc. Computer Engineering Iran University of Science and Technology
Graduated September 2020

Frist Rank, 18.62 GPA

Project: Study of MMU Cache Partitioning Efficacy for Hierarchical Page Tables
in OS Memory Management

Supervisor: Dr. Mohsen Sharifi

High School Diploma Salam 3
Graduated May 2015

TEACHER ASSISTANT

Iran University of Science and Technology
September 2017 – Nov 2020

Operating Systems	Fall-2020
Dr. Mohsen Sharifi	

Database design	Spring-2019
Dr. Eisa Zarepour	

Introduction to programming in Java	Spring-2019
Dr. Mohammad Taher Pilevar	

Introduction to programming in python	Fall-2017 and Spring-2018
Dr. Adel Rahmani	

Khatam University
July 2019 - September 2019

Python Programming Crash Course	Summer-2019
Dr. Mohammad Taher Pilevar	

SKILLS

●NFV & Kernel Bypass Networking

- DPDK application programming
- BESS: Berkeley Extensible Software Switch (SoftNic)
- TAS: TCP Acceleration Service

●Linux Programming:

- Linux Kernel Memory Subsystem
- Developing Kernel Modules

●Programming Languages:

- | | |
|----------|--------------|
| • Python | • Javascript |
| • C/C++ | • SQL |

●Softwares:

- | | |
|--------------|-----------------------------------|
| • Docker | • Redis & Memcached |
| • Git | • Unity3d |
| • PostgreSQL | • Vim |
| • MongoDB | • L ^A T _E X |

●Languages:

Persian: Native

English: Working Profeciency