Farbod Shahinfar

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Email: fshahinfar1@gmail.com
Web page: fshahinfar1.github.io
Github: github.com/fshahinfar1
Birthday: 25/Feb/1998
Research Interests: Data Center Networking, Programmable Networks, Performance Evaluation

EDUCATION

MSc. Computer Software Engineering Sharif University of Technology
Graduating September 2022
Project: Optimizing Load Balancing for Serverless Computing Platforms using Modeling Approaches
Supervisor: Dr. Ali Movaghar

BSc. Computer Engineering Iran University of Science and Technology
Graduated September 2020
Frist Rank, 18.62/20 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
GPA: 19.84/20

HONORS & AWARDS

- ❖ Best poster award [CoNext'21]
- ❖ First rank student (Summa Cum Laude) [Iran University of Science and Technology]
- ❖ Prominent computer engineering student of the year (years 2017, 2018, and 2019) [Iran University of Science and Technology]

TEACHING ASSISTANT

Sharif University of Technology

Program Development from Formal Specifications (Dr. Seyed-Hassan Mirian-Hosseinabadi)
Spring-2022 Graduate course

Performance Evaluation of Computer Systems (Dr. Ali Movaghar)
Fall-2021 Graduate course

Operating Systems Lab (Dr. Hamid Beigy)
July-2021 Undergraduate course

Iran University of Science and Technology

Operating Systems (Dr. Reza Entezari Maleki)
Spring-2020 Undergraduate course
Operating Systems (Dr. Mohsen Sharifi)
Fall-2020 Undergraduate course
Database design (Dr. Eisa Zarepour)
Spring-2019 Undergraduate course
Introduction to programming in Java (Dr. Mohammad Taher Pilevar)
Spring-2019 Undergraduate
Introduction to programming in python (Dr. Adel Rahmani)
Fall-2017 and Spring-2018 Undergraduate

Khatam University

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

PUBLICATION

- A. Sanaee, F. Shahinfar, B. E. Stephens, G. Antichi, "Backdraft: a Lossless Virtual Switch that Prevents the Slow Receiver Problem", in NSDI 2022.
- F. Shahinfar, S. Miano, A. Sanaee, G. Siracusano, R. Bifulco, G. Antichi, "The case for network functions decomposition", in CoNext 2021. [**BEST POSTER**]

SKILLS

- Programming Languages: C, Python, Bash, LaTeX
- Frameworks & Tools: DPDK, eBPF/XDP, AF_XDP, Linux
- Languages: Farsi (Native), English (Working proficiency)