Farbod Shahinfar

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Research interests: Computer Systems, Operating Systems, Data Center Applications

EDUCATION

Ph.D. Information Technology   Politecnico di Milano [2023 — Present]
Expected Graduation date 2026
   Advisor: Prof. Gianni Antichi

MSc. Computer Software Engineering   Sharif University of Technology [2020 — 2022]
Graduated September 2022

BSc. Computer Engineering   Iran University of Science and Technology [2016 — 2020]
Graduated September 2020

HONORS & AWARDS

❖ Best poster award [CoNext'21]

❖ First rank student [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 course
   Introduction to programming in python   (Dr. Adel Rahmani)
   Fall-2017 and Spring-2018   Undergraduate course
Khatam University
   Python Programming Crash Course   (Dr. Mohammad Taher Pilevar)
   Summer-2019   Undergraduate course

PUBLICATION

- F. Shahinfar, S. Miano, G. Siracusano, R. Bifulco, A. Panda, G. Antichi "Disaggregate Applications Along End-Host Data-Path", in CoNEXT Student Workshop 2023.

- F. Shahinfar, S. Miano, G. Siracusano, R. Bifulco, A. Panda, G. Antichi, "Automatic Kernel Offload Using BPF", in HotOS 2022.

- 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**]