

Aniss Maghsoudlou March 23, 1992

aniss@mpi-inf.mpg.de • [Homepage](#) • +491776247023 • [aniss.maghsoudlou \(Skype\)](#)
Saarland Informatics Campus • 66123 Saarbrücken • Germany



Profile

Critical thinker and fast-learner Ph.D. student in Computer Science with IT background currently building systems for network data analytics, and writing thesis.

Work Experience

BENOCS GmbH

BERLIN, GERMANY

Data Engineer

3/2022 – 6/2022

In this full-time job, I was responsible for deploying the system I designed in my internship, maintaining, and customization of the system for different clients needs.

Intern - Big Data Analytics

6/2021 – 11/2021

In this internship, I designed a system to process big data streams in real-time. I prototyped this system both in Python using multiprocessing and Golang using goroutines. The major challenge was the choice of proper data structures, clean-up scheduling, and shared-memory access

Education

Max Planck Institute for Informatics

SAARBRÜCKEN, GERMANY

Ph.D. Student, Computer Science

8/2018 – current

Sharif University of Technology

TEHRAN, IRAN

Master's degree in Information Technology Engineering

2014 – 2017

University of Tehran

TEHRAN, IRAN

Bachelor's degree in Information Technology Engineering

2010-2014

Skills

Expert Python, Bash, Go, SQL, R, Clickhouse, Spark, Scala, MongoDB, Docker, Git, C/C++

Familiar Airflow, Kafka, Ruby, Java, Javascript, PHP

Teaching Experience

Max Planck Institute for Informatics

SAARBRÜCKEN, GERMANY

Teaching Assistant (Tutor) & Co-organizer & Supervisor

2019-2022

Sharif University of Technology

TEHRAN, IRAN

Teaching Assistant

2015

Publications

- A. Maghsoudlou, O. Gasser, I. Poese, A. Feldmann, "FlowDNS: Correlating Netflow and DNS Streams at Scale" in Proceedings of the 18th International Conference on emerging Networking EXperiments and Technologies (CoNEXT) 2022, ACM.
- A. Maghsoudlou, O. Gasser, and A. Feldmann, "Zeroing in on Port 0 Traffic in the Wild," in Proceedings of Passive and Active Measurement Conference (PAM) 2021, pp. 547-563, March 2021, doi: [10.1007/978-3-030-72582-2_32](https://doi.org/10.1007/978-3-030-72582-2_32).
- S. J. Saidi, A. Maghsoudlou, D. Foucard, G. Smaragdakis, I. Poese and A. Feldmann, "Exploring Network-Wide Flow Data With Flowyager," in IEEE Transactions on Network and Service Management, vol. 17, no. 4, pp. 1988-2006, Dec. 2020, doi: [10.1109/TNSM.2020.3034278](https://doi.org/10.1109/TNSM.2020.3034278).

Natural languages

- English (*Full Professional Proficiency*)
- German (*Limited Working Proficiency*)