Kiana Ghassabi

(+98) 9015940326 📞
kianaghassabi@gmail.com (personal) ✉
kianaghassabi@iasbs.ac.ir (academic) ✉
linkedin.com/kiana-ghassabi 🔗

Hard working graduate student studying at the Institute for Advanced Studies in Basic Sciences (IASBS) specializing in Computer Science.

Education

M.Sc. in Computer Science| Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan, Iran.
November 2020 – Present
Thesis title: Privacy-Aware Data Deduplication
Current GPA: 19.17/20 | Ranked 1st

B.Sc. in Information Technology | Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan, Iran.
SEPTEMBER 2016 – SEPTEMBER 2020
Thesis title: Improving the Decoding Speed of Packet Recovery in Network Coding
GPA: 18.25/20 | Ranked 1st

Experience

Research Associate | Metaverse Alliances, Tehran, Iran.
OCTOBER 2021 – PRESENT

Research Assistant | Wireless Communication Lab, Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan, Iran.
JULY 2019 – PRESENT
Supervisor: Dr. Peyman Pahlevani

Teaching Assistant| Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan, Iran.
DECEMBER 2021 – PRESENT
Course: Network Security (Undergraduate Course)
Supervisor: Dr. Mohsen Hooshmand

Teaching Assistant| Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan, Iran.

DECEMBER 2020 – APRIL 2021
Course: Network coding (Graduate Course)
Supervisor: Dr. Peyman Pahlevani

Teaching Assistant| Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan, Iran.

SEPTEMBER 2019 –JANUARY 2021
Course: Computer Networks (Undergraduate Course)
Supervisor: Dr. Peyman Pahlevani

Embedded System Trainee| Internet of Things Lab, Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan, Iran.

OCT 2018 – SEPTEMBER 2019
Supervisor: Dr. Peyman Pahlevani

Marketing Trainee- Scrum master | SarvTech, Zanjan, Iran.

OCTOBER 2017 – AUGEST 2018
Supervisor: Dr. Peyman Pahlevani and Dr. Reza Parsamehr

Publications

- **Title: Improving the Decoding Speed of Packet Recovery in Network Coding**
  Journal: IEEE Communications Letters
  Authors: Hosein K. Nazari, K Ghassabi, P Pahlevani, DE Lucani

Skills

- C++ programming
- Python programming
- Embedded system programming
- Arduino programming
- Metaverse

- Scrum / Agile
- Git / GitHub
- SQL Server / SQLite / MySQL
- Using IoT sensors

Languages

- Persian: Native
- English: Intermediate

- Turkish: Native

Research interest

- Internet of Things
- Cybersecurity
- Deduplication
- Metaverse
- Wireless Communications
- Network Coding
- Blockchain

Activities

- University presenter at 5th exhibition of ELECOMP fair, presenting an IoT-based system for online classrooms, Fall 2017, Zanjan, Iran.

References

Dr. Peyman Pahlevani, Assistant professor
Information Technology and Computer Science Department, Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan, Iran
Email: pahlevani@iasbs.ac.ir
Tel: (+98) 24 3315 3436

Dr. Reza Parsamehr, Cyber Security Specialist
Continental Engineering Services, Porto, Portugal.
Email: parsamehr.r@gmail.com