




# Kiana Ghassabi

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

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## 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: 19.23/20 | Ranked 1<sup>st</sup>

**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: 18.29/20 | Ranked 1<sup>st</sup>

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## Academic Experience

**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 – March 2022

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 – AUGUST 2018

Supervisor: Dr. Peyman Pahlevani and Dr. Reza Parsamehr

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## Work Experience

**Researcher** | Beyondmegasoft, London, England.

JANUARY 2022 – August 2022

Supervisor: Dr. Sajjad Maleki

**Researcher** | MetaverseAlliances, Tehran, Iran.

Sept 2021 – PRESENT

Supervisor: Mr. Amir Mohtashami

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## 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

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## Skills

- C++ programming
  - Python programming
  - Embedded system programming
  - Arduino programming
  - Research and development
  - Scrum / Agile
  - Git / GitHub
  - SQL Server / SQLite / MySQL
  - Using IoT sensors
  - Translation
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## Research interest

- Internet of Things (IoT)
  - Cybersecurity
  - Deduplication
  - Metaverse
  - Wireless Communications
  - Network Coding
  - Blockchain
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## Languages

- **Persian:** Native
  - **Turkish:** Native
  - **English:** Advanced
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## Activities

- University presenter at 5th exhibition of ELECOMP fair, presenting an IoT-based system for online classrooms, Fall 2017, Zanjan, Iran.
  - Working as a translator in different projects such as vidaubia.com.
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## References

- **Dr. Peyman Pahlevani**, Assistant professor  
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Email: [pahlevani@iasbs.ac.ir](mailto:pahlevani@iasbs.ac.ir)  
Tel: (+98) 24 3315 3436
- **Dr. Reza Parsamehr**, Cyber Security Specialist  
Continental Engineering Services, Porto, Portugal.  
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