KIANA
GHASSABI

CONTACT INFO

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ABOUT ME

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*
(October 2020 – Present)

- **Current GPA**: 19.29/20 | Ranked 1st
- **Thesis topic:** "Generalized Deduplication for Textual Data Using NLP Approaches"

B.Sc. in Information Technology
Institute for Advanced Studies in Basic Sciences (IASBS) | *Zanjan, Iran*
(September 2016 – September 2020)

- **GPA:** 18.29/20 | Ranked 1st
- **Thesis topic:** "Improving the Decoding Speed of Packet Recovery in Network Coding"

TEACHING EXPERIENCE

TEACHING ASSISTANT
Institute for Advanced Studies in Basic Sciences (IASBS) | *Zanjan, Iran.*

- Advanced Computer Networks (Graduate Course)
  Sept 2022 – Dec 2022
  Supervisor: Dr. Peyman Pahlevani
- Network Coding (Graduate Course)
  Dec 2020 – Apr 2021
  Supervisor: Dr. Peyman Pahlevani
- Network Security (Undergraduate Course)
  Dec 2021 – Mar 2022
  Supervisor: Dr. Mohsen Hooshmand
- Computer Networks (Undergraduate Course)
  Sept 2019 – Jan 2021
  Supervisor: Dr. Peyman Pahlevani

RESEARCH EXPERIENCE

RESEARCH ASSISTANT
Wireless Communication Lab, Institute for Advanced Studies in Basic Sciences (IASBS) | Zanjan, Iran.
(JULY 2019 – Present)

- Supervisor: Dr. Peyman Pahlevani
- Field: Embedded Systems, Wireless Sensors, Cloud Computing

RESEARCHER
MetaverseAlliances | Tehran, Iran.
(September 2021 – September 2022)

- Supervisor: Mr. Amir Mohtashami
- Field: Blockchain, Metaverse, Crypto, Game

RESEARCHER
Beyondmegasoft | London, England
(September 2021 – September 2022)

- Supervisor: Dr. Sajjad Maleki
- Field: Blockchain, Metaverse, Crypto, Game

MARKETING TRAINEE
Sarve Saba | Zanjan, Iran.
(October 2017– August 2018)

- Supervisor: Dr. Peyman Pahlevani and Dr. Reza Parsamehr
- Field: Agile methodology learning, Scrum mastering

PUBLICATIONS

K. Ghassabi, P. Pahlevani and D. Lucani, Deduplication of Textual Data by NLP Approaches," at 2023 IEEE 97th Vehicular Technology Conference (VTC2023-Spring), Aug. 2023, doi: https://doi.org/10.1109/VTC2023-Spring57618.2023.10199538.

H. K. Nazari, K. Ghassabi, P. Pahlevani and D. Lucani, "Improving the Decoding Speed of Packet Recovery in Network Coding," in IEEE Communications Letters, vol. 25, no. 2, pp. 351-355, Feb. 2021, doi: 10.1109/LCOMM.2020.3031011.

RESEARCH INTERESTS

Data Deduplication, Internet of Things (IoT), Wireless Communications, Distributed Systems

SKILLS

Languages
- Farsi (native)
- Azari (native)
- English (Full professional proficiency)

Programming Language
- Python
- C++

Familiar with
- Linux
- Git
- Scrum
- SQL

REFERENCES

Dr. Peyman Pahlevani

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Department of Information Technology & Computer Science
Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan, Iran
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Dr. Reza Parsamehr

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Continental Engineering Services, Porto, Portugal
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