Hemn Khezri

Curriculum Vitae

hemnkhezri1994@gmail.com
+98 914 – 272-7364
LinkedIn
ResearchGate
Google Scholar
GitHub
Personal Website

Profile

Computer Engineer with an M.Sc. in Software Engineering (GPA: 19.65/20.00), ranked 3rd among 34 students in the same entry year and field of study. Research experience in cloud computing, network security, intrusion detection systems, optimization algorithms, and machine learning, with six published journal articles in international journals. Experienced university teacher and research assistant with practical experience in IT support, network troubleshooting, and system administration. Seeking a Ph.D. position in Computer Science or Computer Engineering, with a particular interest in intelligent intrusion detection, cybersecurity, machine learning, cloud computing, and optimization.

Education

Master of Science in Computer Engineering - Software Engineering
Sep 2017 – Sep 2019

Afagh Higher Education Institute, Urmia, Iran

GPA: 19.65/20.00

Thesis Title: "Optimizing Scientific Workflow Scheduling Using the Whale Optimization Algorithm" (**Grade:** 19/20)

Supervisor: Dr. Mohammad Masdari

Bachelor of Science in Computer Software Engineering Technology
Sep 2015 – July 2017

Islamic Azad University, Sardasht Branch, Sardasht, Iran

GPA: 18.20/20.00

Final Project Topic: "Design and Implementation of a Hotel Management System Using C#, SQL Server in Visual Studio" (**Grade:** 20/20)

Supervisor: Dr. Mohammad Trik

Associate of Science in Computer Software
Sep 2013 – July 2015

Islamic Azad University, Sardasht Branch, Sardasht, Iran

***GPA**: 18.13/20.00*

Research Interests

- Cybersecurity and Network Security
- Optimization Algorithms
- Intrusion Detection Systems
- Machine Learning
- Industrial IoT (IIoT) Security
- Cloud Computing
- Data Science
- Anomaly Detection
- Federated Learning
- Deep Learning

Publications

Journal Articles:

1. M. Masdari, **H. Khezri**, "A survey and taxonomy of the fuzzy signature-based Intrusion Detection Systems", Applied Soft Computing, 2020 (Link)
2. M. Masdari, **H. Khezri**, "Efficient VM migrations using forecasting techniques in cloud computing: a comprehensive review", Cluster Computing, 2020 (Link)
3. Mehdi Hosseinzadeh, Hawkar Kamaran Hama, Marwan Yassin Ghafour, Mohammad Masdari, Omed Hassan Ahmed, **Hemn Khezri**, "Service Selection Using Multi-criteria Decision Making: A Comprehensive Overview", Journal of Network and Systems Management, 2020 (Link)
4. M. Masdari, **H. Khezri**, "Service selection using fuzzy multi-criteria decision making: a comprehensive review", Journal of Ambient Intelligence and Humanized Computing, 2020 (Link)
5. M. Masdari, **H. Khezri**, "Towards fuzzy anomaly detection-based security: a comprehensive review", Fuzzy Optimization and Decision Making, 2020 (Link)

6. M. Masdari, **H. Khezri**, "Efficient offloading schemes using Markovian models: a literature review", Computing, 2020 (Link)

Manuscripts Under Review:

7. A. Moradi, **H. Khezri**, J. Farhadi, "Dynamic Graph Neural Networks for Zero-Day Intrusion Detection in Evolving Network Environments." *Journal of Network and Computer Applications*. **Under review,** September 2026.

Academic Service & Peer-Review Experience

1. Peer Reviewer, *The Journal of Supercomputing, Springer Nature*, 2026.

Technical Skills

- Microsoft SQL Server
- CloudSim
- RapidMiner
- C++
- C#
- Microsoft Office
- WordPress Website Development
- MATLAB
- EndNote
- Python
- Git & GitHub
- AI-Assisted Research & Productivity Tools
- Microsoft Windows
- Pytorch

Professional and Academic Experiences

- **Lecturer (Adjunct Faculty)** — June 2021 – July 2026
  - Taught 56 theoretical and 71 practical credit units (over 1,080 theoretical and 1,900 practical contact hours) in Computer Science and IT courses at Associate and Bachelor levels. Key subjects: Mobile Programming, Database Systems, Web Development, Algorithms, Game Development, Network Security, and Cloud Computing. Supervised final-year projects and student internships, providing technical guidance and performance evaluation.

  Islamic Azad University, Sardasht Branch, Sardasht, Iran

- **Research Assistant** — Dec 2017 - April 2020
  - Research and Writing Articles, Collecting Data and Analyzing under the supervision of Dr. Mohammad Masdari

  Afagh Higher Education Institute, Urmia, Iran

- **Teacher & Trainer** — Sep 2023 – Sep 2026
  - Conducting some training courses such as ICDL, Photoshop and AI

  Iran Technical & Vocational Training Organization, Islamic Azad University, Sardasht Branch, Sardasht, Iran

Work Experience

- **Technical and IT Specialist (Contracted to Customs Office of Kileh Sardasht)** — April 2025 – Feb 2026
  - Working as an on-site IT support engineer at the Customs Office of Kileh Sardasht under a contract with *Ertebat Afzar Daygan IT Company*.
  - Responsible for maintenance and technical support of hardware and software systems across the customs office.
  - Managing and troubleshooting local and wide-area networks, ensuring connectivity and system reliability.
  - Providing continuous technical support and assistance to staff to maintain operational efficiency.
  - Collaborating with the IT department to implement security policies, system updates, and hardware upgrades.

  Ertebat Afzar Daygan IT Company, Urmia, West Azerbaijan, Iran

- **IT Specialist (Server & Network Support)** — Feb 2026 – August 2026

- Responsible for administration and maintenance of company servers and local network infrastructure.
- Configure and troubleshoot hardware, operating systems, and office software.
- Provide technical support to staff and resolve network and system issues.
- Maintain system security, perform backups, and monitor network performance.
- Support administrative and office operations through IT management

Dilan Karan Piranshahr Co., Piranshahr, Iran

Language Competence and Test Scores

Kurdish (Native), Persian (Fluent), English (Intermediate)

GRE:

Overall Score:	Verbal Reasoning:	Quantitative Reasoning:	Analytical Writing:
330	160	170	3.5

Related Courses

- Advanced Network Security 20/20
- Data Mining 18.5/20
- Advanced Database 20/20
- Knowledge Base Management 20/20
- Research Method 20/20
- Distributed Systems 18.50/20
- Advanced Operating System 20/20
- Advanced Computer Networks 20/20
- Software Architecture 20/20

Related Projects

- Live migration of virtual machines in cloud computing using CR/TR algorithm with CloudSim, 2019
- Task scheduling using EDF algorithm in cloud computing with NetBeans Java language, 2019
- Intrusion detection based on machine learning (Gaussian Naïve Bayes, logistic regression, SVM, and KNN and Decision Tree classification algorithms) with meta-parameter setting for Anomaly Detection in KDD Cup'99 dataset in Python language, 2021
- Scheduling tasks in cloud computing using the Min-Min algorithm with CloudSim, 2018
- Design and implementation of hotel management system in C# language and SQLSERVER database and LINQ technology (B.Sc. Final Project), 2017

Honors and Awards

- **Full-Funded** Ph.D. Admission Offer (Top Ph.D. Applicant) University of Texas at San Antonio (UTSA), USA — 2024, Received a competitive fully funded doctoral admission offer. Admission granted without interview based on academic evaluation. Unable to enroll due to visa/travel restrictions, 2024
- **Ranked 3rd** among 34 students in the M.Sc. program in Computer Engineering – Software Engineering, among students of the same entry year and field of study, Afagh Higher Education Institute, Iran, 2019
- **Ranked 1st** among Software Engineering B.Sc. Students at Islamic Azad University, Sardasht Branch, 2017

Memberships

- Member of Young Researchers and Elite Club of Islamic Azad University

References

- Dr. Mohammad Masdari (Google Scholar) — Researcher, University of applied sciences and arts, Dortmund, Germany — mohammad.masdari@fh-dortmund.de
- Dr. Mohammad Trik (Google Scholar) — Assistant Professor, Department of Computer Engineering, Islamic Azad University, North Tehran Branch — m.trik@iau-tnb.ac.ir
- Dr. Parinaz Eskandarian (ResearchGate) — Assistant Professor, Department of Computer Engineering, Afagh Higher Education Institute — p.eskandarian@afagh.ac.ir

- Dr. Mohammad Kaveh
  (Google Scholar)
  (Webpage)

Assistant Professor
Department of Petroleum Engineering
Knowledge University, Erbil, Iraq

sirwan.kaweh@knu.edu.iq