

MOHAMMAD KHODARAHMPOUR

Khodarahmpoor@gmail.com

Http://www.khody.ir

+98 (936) 4388747

RESEARCH INTERESTS	Database and Data Management (particularly in Data Cleaning and Entity Matching), Distributed Information Systems, Algorithm Design	
EDUCATION	M.Sc. Computer Engineering - Software	2018 - 2020
	<i>Shahid Rajaee Teacher Training University</i>	Tehran, Iran
	<ul style="list-style-type: none">• GPA: 17.12/20 (3.7/4)• Last-one-year GPA: 17.6/20 (4/4)• Research area: Improving Authentication Protocols in Internet of Vehicle (IoV) Networks• Supervisor: Dr. Masoumeh Safkhani	
	B.Sc. Computer Software Engineering Technology	2016 - 2018
	<i>Shamsipour Technical and Vocational College</i>	Tehran, Iran
SELECTED COURSES AND GRADES	Graduate:	
	<ul style="list-style-type: none">• Advanced Operating System: 20/20• Parallel Processing: 18/20• Computational Geometry: 18/20• Fault Tolerant Software Systems: 17/20	
	Undergraduate:	
	<ul style="list-style-type: none">• Database Lab : 19/20• Data Structure : 18/20• Artificial Intelligence : 17/20	
PUBLICATIONS	<ol style="list-style-type: none">1. Mohammad Khodarahmpour, Masoumeh Safkhani. Analysis and Improvement of an Authentication Scheme in Vehicular Networks . <i>The 25th International Computer Conference by the Computer Society of Iran</i>, 2020.01 .2. Mohammad Khodarahmpour, Masoumeh Safkhani. How to Use the Scyther Security Analysis Tool for Analyzing Communication Protocols . <i>The 12th National Conference On Education, Shahid Rajaee Teacher Training University, Tehran, Iran</i> , 2020.10 .	
WORK EXPERIENCE	Chief Technology Officer <i>Karkhane Karafarini Movazi Company</i>	2024.04 - Present
	Senior Expert in Monitoring and Evaluation System Development <i>Ministry of Cooperative, Labor and Social Welfare</i>	2022.07 - 2024.03

SKILLS	<p>Languages: English: IELTS will be taken at November 30th, 2024, Persian: Native.</p> <p>Programming Languages: PHP, Python (Elementry), MATLAB (Elementry).</p> <p>Databases: MySQL, Microsoft SQL Server, MongoDB (Elementry).</p> <p>Applications: LaTeX, Microsoft Office, Adobe Photoshop, Adobe Illustrator, Adobe Premiere, Scyther Tool.</p> <p>Network Operating System : Linux, Microsoft Windows Server 2012.</p> <p>DevOps : Git, Docker.</p>
AWARDS AND HONORS	<ul style="list-style-type: none"> • Ranked within the top 0.6 % among approximately 10,000 participants in the Iranian University Entrance Exam for Bachelor's Degree in Computer Software Engineering Technology. • Ranked within the top 0.2 % among approximately 10,000 participants in the Iranian University Entrance Exam for Associate's Degree in Information Technology and Communications. • Received Certificates of Appreciation for collaboration with the Economic Affairs Deputy of the Ministry of Cooperative, Labor, and Social Welfare in January 2023, February 2023, and January 2024. • Certificate of appreciation for the Design and Development of the Integrated Rasad and Payesh System for Economic Enterprises and Affiliated Pension Funds, Ministry of Cooperative, Labor and Social Welfare 2022.12
SELECTED PROJECTS	<p>IELTSGPT.ir <i>I have developed an interactive platform that leverages various AI techniques to help IELTS candidates improve their language skills.</i> 2024.01 - Present</p> <p>GarnetCard.com <i>I developed a software solution that leverages RFID cards as a modern alternative to traditional paper business cards, aiming to reduce paper waste and combat deforestation, Karkhane Karafarini Movazi Company</i> 2024.01 - Present</p> <p>MyPomodoro.ir <i>I implemented the Pomodoro time management technique to enhance individuals' productivity by optimizing their time usage, Karkhane Karafarini Movazi Company</i> 2024.01 - Present</p> <p>Rasadkhane.mcls.gov.ir <i>I am honored to have collaborated on this project. Rasad o Payesh web application is designed to monitor more than 150 finance criteria, ranging from net profit margin to productivity growth rate, for more than 800 companies, Ministry of Cooperative, Labor and Social Welfare</i> 2022.07 - Present</p>
CERTIFICATES	<p>Microsoft Certified Solutions Expert (MCSE 2012) NooraNet International Institute 2015</p> <p>Security and Intrusion Protection Methods Course Ashiyane Security Team 2016</p>