

Sadjad Rezvani

PERSONAL INFORMATION	Semnan Science and Technology Park Shahaab CO Shahrood, Semnan Province, Iran Marital Status: Single web: https://sadjadrz.github.io	E-mails: sadjadrezvani@shahroodut.ac.ir linkedin.com/in/sadjadrz Mobile: +99 (990) 099-5452 Zoom ID: 555 454 0514
EDUCATION	Shahrood University of Technology , Shahrood, Semnan Province, Iran <i>Master of Science in computer Engineering – artificial intelligence</i> Sep. 2020 – Sep. 2022 <ul style="list-style-type: none">GPA: 4/4 , 18.59/20Thesis: “Masked face recognition using deep learning”Advisor: Mansoor Fateh Shahrood University of Technology , Shahrood, Semnan Province, Iran <i>Bachelor of Science in computer Engineering – Softwares</i> Sep. 2015 – Sep. 2019 <ul style="list-style-type: none">GPA: 3.53/4 , 16.92/20Thesis: “Profiling web applications to improve intrusion detection”Advisor: Mohsen Rezvani	
RESEARCH INTERESTS	Machine Learning, Image Reconstruction, Image Reconstruction, Image Processing, GAN, Medical Image Analysis	
WORK EXPERIENCE	Shahaab, CO. Role: <i>Senior Computer Vision Software Engineer</i> Project: Face Recognition Engine Oct. 2022 – Dec. 2023 <ul style="list-style-type: none">My project for passing military serviceDesigned and implemented various features of a face recognition engine utilizing advanced computer vision techniquesCreated a user interface for demo purposesTechnical Skills: C++, OpenCV, C# Cement Factory, Shahrood, Iran Role: <i>Senior Computer Vision Engineer</i> Project: Fire Detection Software Jul. 2022 – Nov. 2022 <ul style="list-style-type: none">Contributed to a fire detection software project that leveraged computer vision techniques to detect fires and alert relevant authorities in real-timeTechnical Skills: OpenCV, Pytorch Hookan Salt Factory, shiraz, Iran Role: <i>Senior Computer Vision Software Engineer</i> Project: Salt Crack Sorting Machine Nov. 2020 – Sep. 2021 <ul style="list-style-type: none">Worked on a project focused on detecting salt impurities in a manufacturing processUtilized advanced image processing techniques to detect salt impurities in real-timeTechnical Skills: OpenCV, Python, C#, C++ Shahaab, CO Role: <i>Senior Software Engineer</i> Project: Plate Recognition Software, Jun. 2019 – Dec. 2023 <ul style="list-style-type: none">Contributed to the development of a desktop software that connects to CCTV cameras, recognizes license plates, and stores dataContributed to the ongoing maintenance and improvement of the softwareTechnical Skills: C#, SQL	

JOURNAL PUBLICATIONS	S. Rezvani, M. Fateh and H. Khosravi," ABANet: Attention Boundary-Aware Network for image segmentation." Expert systems, e13625, May 2024	
PROGRAMMING SKILLS	<ul style="list-style-type: none"> • Programming: Python, C++, C# • Machine Learning: PyTorch, TensorFlow, Scikit-Learn, Numpy • Computer Vision: OpenCV • Database: Microsoft SQL Server, MySQL 	
ACADEMIC EXPERIENCE	<p>Research Assistant</p> <p><i>CVLab</i> Dec. 2021 – Sep. 2022</p> <ul style="list-style-type: none"> • As part of my thesis research, I researched image reconstruction techniques for masked face recognition. • Mentored newly-arrived M.Sc. students to help with their proposals. <p>Teaching Assistant</p> <p>Deep Learning</p> <p>Role: <i>Teaching Assistant</i></p> <p>Instructor: Dr. Mansoor Fateh Spring 2022</p> <p>Advance Software Engineering (for Bachelor Students)</p> <p>Role: <i>Teaching Assistant</i></p> <p>Instructor: Dr. Hoda Mashayekhi Fall 2019</p> <p>Database (for Bachelor Students)</p> <p>Role: <i>Teaching Assistant</i></p> <p>Instructor: Dr. Mohsen Rezvani Fall 2019</p> <p>Instructor: Mohsen Farhadi Fall 2018</p>	
HONOURS AND AWARDS	<p>Recognition by Iran's National Elites Foundation for excellence in military service 2023</p> <p>Third-ranked student in the master of Science in Computer Science program 2022</p>	
CERTIFICATIONS	<p>AI for Medical Diagnosis, DeepLearning.AI 2023</p> <p>Python Project for Data Science, IBM 2022</p> <p>Generative Adversarial Networks (GANs) Specialization, DeepLearning.AI 2022</p> <p>Machine Learning, Stanford University 2021</p>	
REFERENCES	<p>Mansoor Fateh <i>Associate professor, Department of Computer Engineering, Shahrood University of Technology , Shahrood, Iran</i> e-mail: mansoor_fateh@Shahroodut.ac.ir Phone: +98 (912) 373-8057</p> <p>Hossein khosravi <i>Associate professor, Department of Electrical Engineering, Shahrood University of Technology , Shahrood, Iran</i> e-mail: hosseinKhosravi@ Shahroodut.ac.ir Phone: +98 (936) 139-2929</p>	