

Farshid Farhadi Khouzani

PhD Candidate, Computer Science, University of Nevada, Las Vegas

 Las Vegas, NV
  farhadikhoozani@gmail.com
  farhadcomp
  Google Scholar

Education

PhD	University of Nevada, Las Vegas , Machine Learning and Data Analytics	Las Vegas, NV 2024 – present
MS	Technische Hochschule Deggendorf , Applied Computer Science	Deggendorf, DE 2022 – 2024
MS	Isfahan University of Technology , Computer Engineering • Thesis: Using a Surrogate Model in Evolutionary Optimization.	Isfahan, Iran 2013 – 2016
BS	Shahid Bahonar University of Kerman , Computer Science • Thesis: Application of Artificial Neural Networks in Image Processing.	Kerman, Iran 2008 – 2012

Experience

University of Nevada, Las Vegas , Research Assistant	Las Vegas, NV June 2025 – present 1 year 2 months
- Parallel computing on HPC clusters. - Probabilistic Swin Transformer with uncertainty estimation.	
University of Nevada, Las Vegas, Department of Computer Science , Instructor & Teaching Assistant	Las Vegas, NV Jan 2024 – June 2025 1 year 6 months
- Instructed the course "Programming for Data Science in Python I." - Led labs for Data Structures and Algorithms.	
Freelance , Software and ML Researcher	2017 – 2021 4 years
- Developed software for 3D printing applications. - Researched and implemented current machine learning models.	
Padidavaran IT Company , Software Engineer	Isfahan, Iran 2016 – 2017 1 year
- Engineered and optimized backend databases in MySQL and PostgreSQL for data-intensive applications. - Designed relational schemas and improved query processing efficiency.	

Awards

First Place Poster Award, Graduate Research Symposium Farshid Farhadi Khouzani (College of Engineering, University of Nevada, Las Vegas)	Spring 2026
Differential Scholarship Awarded on the basis of academic merit and achievement among graduate students in Computer Science. Farshid Farhadi Khouzani (College of Engineering, University of Nevada, Las Vegas)	Spring 2026

Skills

Languages

Systems

Databases

ML