



Research Interests

- Machine Learning
 - Supervised and Unsupervised Learning
 - Natural Language Processing
 - Deep Learning
- Computer Vision
 - Image Processing, Face/ action Recognition
 - Object Tracking and Matching
 - Occlusion



Education

Master of Multimedia Systems

University: Payame Noor university (PNU)

GPA: **16.36** out of 20 [Oct, 2012 - July, 2014]

Bachelor of Information Technology engineering

University: Payame Noor University (PNU)

GPA: **14.33** out of 20 [Oct, 2007 - Feb, 2012]



Related Subjects

- Software development management (**19.29** out of 20)
- Visual communications (**19.25** out of 20)
- Digital speech processing for multimedia (**18.57** out of 20)
- Advanced programming (**17.75** out of 20)
- Data compression (**17.14** out of 20)



Honors and Achievements

- Citation For Being Sample Employee among 2000 employees [Sana Andishe Company] [2019]
- Recognized as Cooperation in Writing University Educational Books and Research Articles [University Of Applied Science][2017]
- Ranked within The 5 Best TA Among 150 Teacher Assistances [University Of Applied Science][2018]
- Acknowledgment Of Cooperation In Holding Nanotechnology Competitions [The Ministry of Education] [2015]



Academic Projects

- Designing A Library Website On Visual Studio by ASP.NET
- Removing the Background of Live Video by Python
- Face Detection on a partially dark Video by Python



Skills

- Programming:**
 - Python (Matplotlib, Seaborn, Plotly, Numpy, Pandas, CSV, Scipy)
 - C / C++
 - Linux
 - HTML
 - JavaScript
- Others:**
 - Matlab
 - VMware
 - Cisco Packet Tracer
 - Photoshop

Certificates

- CCNA security Institute :PSEEZ
- CCNP Route Institute :PSEEZ
- Network + Institute : ISIRAN
- Graphic Design Institute : ISIRAN
- Method of compiling ISI articles Institute :PSEEZ
- Business and entrepreneurship skills
Institute : Ministry of Labor Cooperation and Social Welfare

Online Courses:

- ∞ Applied Machine Learning in Python ([Certificate](#))
- ∞ Machine Learning ([Certificate](#))
- ∞ Python Basics-Programming Specialization ([Certificate](#))
- ∞ Computer Vision Basic ([Certificate](#))
- 🔥 Cutting-Edge AI: Deep Reinforcement Learning in Python([Certificate](#))
- ∞ Algorithms, Part I ([link](#)) Institute : Princeton University



Teaching Experiences

- TA at Applied Science University [2014 up to now]
Courses: Basics of Artificial Intelligence, Advanced Programming.
- TA at Payame Noor University [Feb 2017 – Nov 2017]
Courses: Algorithm Design, database design principles.

- TA at University of Islamic Azad [2014 -2018]
Courses: Advanced Programming, Web Design.
- Teacher of English as Second Language Rayehe Language School [2019 up to now]



Work Experiences

Research and Development

Company: [Sana Andisheh Company](#) [Jan 2017 - December 2018]

Tasks and Achievements:

- I worked on several machine learning projects in face detection and Tracking for improving Attendance System and solving the vehicle tracking for blind spots in site environment.

Computer Service

Organization: [PSEEZ](#) [February 2015 - January 2016]

Tasks and Achievements:

- My duty was detecting vital technological changes and preparing personnel for new platform, software or hardware also preparing our presentation team for tenders by conducting research.



Languages

English: Fluent

Persian: Native



Publication

- [Evaluation Performance of TASK Scheduling Algorithms in Homogeneous Environments](#)

Publisher : H Yazdanpanah, A Shouraki, **N Jamali**, *International Journal of Computer Applications* (0975 – 8887) Volume 138 – No.8, March 2016

- **Solving The Occlusion Problem of Surveillance Cameras with an Innovative Method**

Publisher : **N Jamali** (Under submission)

References, further information, and proofs are available upon requests.