Pouria Nazemi

BSc Student at Ferdowsi University of Mashhad

Personal Data

Place of Birth:	Mashhad, Khorasan Razavi, Iran
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Education

Ferdowsi University of Mashhad [1]
BSc in Computer Engineering
  − **Gpa: 19.01/20** (A^+) - **Rank 3rd** among 143 Students

Mashhad, Iran
Sep 2020 - Present

Mobin High School [2]
Diploma in Mathematics & Physics
  − **Gpa: 19.75/20** (A^+)

Mashhad, Iran
Sep 2017 - Jun 2020

Research Experience

Research Internship
Neurosina Company - Under Supervision of Dr. Elahe Imani
  − Processed and analyzed biosignal data and developed a model to **detect seizures from biosignals** captured by the Empatica E4 wristband.
  Resulted in one article

Mashhad, Iran
Summer 2023

Research Project
Ferdowsi University - Under Supervision of **Prof. Hamidreza Pourreza**
  − Pipeline for classifying old Persian documents: **OCR**, Data Preprocessing, and **Text Classification** for organizing documents archives
  − Fine-tune text classification models on Persian Dataset

Mashhad, Iran
January - August 2024

Work Experience

Part Software Group[3] **(Full-Time)**
SRE Engineer
- Monitoring infrastructure and ensuring system reliability
- Expert in Linux and Docker and Monitoring Tools
- Collaborating with the **AIOPS** and **Anomaly Detection** of netflow sub-team

Mashhad, Iran
July 2023 - Present

Pelekan Company (Part-Time)
Data Scientist
- Analyzed data from book distribution company invoices and performed **feature engineering**
- Investigated different models to **predict sales** (**time series forecasting, regression**, etc.)
- Clustering and classifying products and designing a pipeline for predicting the number   of sales based on book names

Mashhad, Iran
Jun 2022 - Mar 2023

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[1] Ranked 3rd among Iranian Universities by the Iranian Ministry of Science
[2] Governmental Chosen School
[3] Tech Leading company in Iran with more than 800 employees

Teaching Experience

As Teaching Assistant

Artificial Intelligence	Mar 2023 - June 2024
• Responsibilities: Conducted exercise classes, designed computer exercises for **Machine Learning** and **Logic subject (FOL)**, developed a **Prolog** project for students	Dr. Saeid-Abrishami & Dr. Ahad-Harati
Applied Linear Algebra	Mar 2022 - Feb 2024
• Responsibilities: Created **computer lab exercises in Python**, designed weekly homework questions, recorded problem-solving videos, and conducted Q&A classes	Dr. Mojtaba-Rouhani
Compiler Design	Feb 2024 - Present
• Responsibilities: Designed programming project to implement three levels of compiling	Dr. Hale-Amintoosi

As Lecturer

Cangrow AI course for highschool students	Sep 2024 – Present
• Conducting lectures on Artificial Intelligence focusing on **Classical Machine Learning**, Designing Project and evaluation, and mentoring of students at Part Research Institute	
Workshop on using eBPF for in-kernel networking	Feb 2024
• Technical mentoring of participants, designed project, provided virtual environment and scenario of the project in Eveng at Part Software Group College	

Awards and Honors

Iranian University Entrance Exam for Bachelor's Degree in Mathematics (Konkur)	Aug 2020
– **Top 0.7%** among more than **155000** Participants	NOET
Datadays anomaly detection challenge	Sep 2022
– **Rank 10th** among **80** Participants	
– Time series dataset, explored various approaches for **anomaly detection**, final testing on withheld data and rank teams base on the result. - Project Repo	Sharif University of Technology
Desktop game making of Cultural and Artistic Competitions	Feb 2015 - 2019
– Provincial **First Place** for **4 years**	
– Making games with Game Maker Studio Engine and programming in JavaScript	Ministry of Education

Skills

Programming Languages:	C, Java, Python, Bash
Machine Learning:	**Neural Networks** (CNN, RNN), Signal Processing, **NLP**, Classification and Clustering, Data Science
Tools/Libraries:	Git, Docker, **ML and DL libraries**, LaTeX
Operating Systems:	Debian-Based distros of GNU/Linux
Other:	Monitoring Stack (TPG), Django, Rest API

Projects

All my projects are available on my GitHub: github.com/pouria-nazemi