

Pouria Nazemi

BSc Student at Ferdowsi University of Mashhad

Personal Data

Place of Birth: Mashhad, Khorasan Razavi, Iran
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Education

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| Ferdowsi University of Mashhad ¹ <i>BSc in Computer Engineering</i> – Gpa: 19.01/20 (A ⁺) - Rank 3rd among 143 Students | Mashhad, Iran Sep 2020 - Present |
| Mobin High School ² <i>Diploma in Mathematics & Physics</i> – Gpa: 19.75/20 (A ⁺) | Mashhad, Iran Sep 2017 - Jun 2020 |

Research Experience

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| 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: textbfOCR, Data Preprocessing, and Text Classification for organizing documents archives – Fine-tune text classification models on Persian Dataset | Mashhad, Iran January - August 2024 |

Work Experience

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| 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 |

¹Ranked 3rd among Iranian Universities by the Iranian Ministry of Science

²Governmental Chosen School

³Tech Leading company in Iran with more than 800 employees

Teaching Experience

As Teaching Assistant

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| Artificial Intelligence <ul style="list-style-type: none">Responsibilities: Conducted exercise classes, designed computer exercises for Machine Learning and Logic subject (FOL), developed a Prolog project for students | Mar 2023 - June 2024 Dr. Saeid-Abrishami & Dr. Ahad-Harati |
| Applied Linear Algebra <ul style="list-style-type: none">Responsibilities: Created computer lab exercises in Python, designed weekly homework questions, recorded problem-solving videos, and conducted Q&A classes | Mar 2022 - Feb 2024 Dr. Mojtaba-Rouhani |
| Compiler Design <ul style="list-style-type: none">Responsibilities: Designed programming project to implement three levels of compiling | Feb 2024 - Present Dr. Hale-Amintoosi |

As Lecturer

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| Cangrow AI course for highschool students <ul style="list-style-type: none">Conducting lectures on Artificial Intelligence focusing on Classical Machine Learning, Designing Project and evaluation, and mentoring of students at Part Research Institute | Sep 2024 – Present |
| Workshop on using eBPF for in-kernel networking <ul style="list-style-type: none">Technical mentoring of participants, designed project, provided virtual environment and scenario of the project in Eveng at Part Software Group College | Feb 2024 |

Awards and Honors

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| Iranian University Entrance Exam for Bachelor’s Degree in Mathematics (Konkur) <ul style="list-style-type: none">– Top 0.7% among more than 155000 Participants | Aug 2020 NOET |
| Datadays anomaly detection challenge <ul style="list-style-type: none">– 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 | Sep 2022 Sharif University of Technology |
| Desktop game making of Cultural and Artistic Competitions <ul style="list-style-type: none">– Provincial First Place for 4 years– Making games with Game Maker Studio Engine and programming in JavaScript | Feb 2015 - 2019 Ministry of Education |

Skills

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| 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