Parsa Mohammadi | Curriculum Vitae

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| (+98) 9182265891 | <https://parsam.eu.pythonanywhere.com> | | gmail-logo-png-white-1ParsaMohammadi@aut.ac.ir |
| [github.com/PARSA-MHMDI](https://github.com/PARSA-MHMDI) | | [Linkedin - Free social media iconsLinkedIn](http://www.linkedin.com/in/parsa-mohammadi-0b079620a) | |

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| EDUCATION |

* Amirkabir University of Technology (AUT), Tehran, Iran September 2020 – Present   
  - B.S. in Electrical Engineering

Ranked within the top 10% of the Electrical Engineering department

Ranked within the top 1% of the Iranian University Entrance exam

* Shahid Beheshti, Kermanshah, Iran September 2016 – September 2020
* National Organization for Development of Exceptional Talents (NODET)

GPA: 18.87 out of 20.00

Ranked within the top 2% of the Nationwide NODET Entrance exam

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| RESEARCH INTERESTS |

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| * Computer Vision * Object Detection and Tracking * Image Processing | * Deep Learning * Machine Learning |

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| RESEARCH AND WORK EXPERIENCES |

* **Iran's National Elites Foundation** December 2021 – Present

*“Data-driven Maintenance of Urban Infrastructure in Smart City”*

Research Assistant:

* Using data mining algorithms to reduce the cost of maintenance and repair of power networks
* Using Machine Learning models to build an intelligent application for control centers

*- Supervisor: Dr. Alireza Fereidunian (K. N. Toosi University of Technology, Iran)*

* Amirkabir University of Technology (AUT) March 2021 – September 2021  *Member of “Amirkabir 2021 International Summer School,” Executive Team*:

Tasks:

* Invited Dr. Larry Cheng from Penn State University
* Been Dr. Larry Cheng’s assistant during summer school

*- Supervisor: Dr.* *Roohollah Bagherzadeh (Amirkabir University of Technology, Iran)*

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| SKILLS |

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| * Programming Skills:   Python   * TensorFlow * NumPy * Pandas * OpenCV * Matplotlib * Scikit-learn * Django   Matlab   * Simulink   HTML/CSS  Verilog  C/C++ | * ML/AI Skills:   CNN   * Residual Network * Inception Network * MobileNet * EfficientNet * Transfer Learning * Object Detection * U-Net * Style Transfer * Siamese Network   Regression  Classification  Decision tree | * Others:   Linux  Git  Google Colab  Windows Server |
| CERTIFICATED COURSES | | |

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| Stanford Logos - Identity Guide [Machine Learning by Stanford University | Coursera – Dr. Andrew Ng](https://www.coursera.org/learn/machine-learning) |
| Deep Learning Specialization by DeepLearning.AI | Coursera – Dr. Andrew Ng |
| Machine Learning using Python Programming | Udemy - Sujithkumar MA |
| Udemy - Online cursussen - Apps op Google PlayUdemy - Online cursussen - Apps op Google PlayUdemy - Online cursussen - Apps op Google Play Git and GitHub Masterclass: Git Workflow, Commands & GitHub | Udemy - LevelUp360° DevOps |
| Master Python With NumPy For Data Science & Machine Learning | Udemy - Pruthviraja L   * “Programming”: 18.7/20.00 |

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| **LANGUAGE PROFICIENCY** |

* English (Fluent – IELTS exam to be taken soon)
* Persian (Native)
* Kurdish (Native)
* References and further information are available upon request.