

EMAD BAZMANDEGAN

Junior Machine Learning Engineer

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Iran

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HIGHLIGHTS

- Junior Machine Learning Engineer: experience in designing, developing, and deploying machine learning pipelines.
- Machine Learning Competitions and Projects: Completed multiple Kaggle competitions and personal projects applying machine learning and deep learning algorithms.

RESEARCH INTERESTS

- Applied Machine Learning
- Computer vision
- Natural Language Processing
- Reinforcement Learning

EDUCATION

Islamic Azad University
Bandarabbas, Iran
2018- 2023

B.Sc. of Software Engineering

- GPA: 3.2/4, 3.6 in the last two years

National Organization for
Development of Exceptional
Talents Bandarabbas, Iran
2014-2018

Highschool Diploma

PROJECTS AND WORK EXPERIENCE

Sanaat Gostar Latidan
co
Dec 2023 - Oct 2024

Freelance Project: Latido, Optimizing Resource Allocation with PuLP

- Utilized **Pandas** for preprocessing the data
- Utilized the **PuLP** for process the data
- Developed the web application with **Django**
- Used **Docker**, **Gunicorn** and **Nginx** during the deployment on the server

Islamic azad university
Feb 2023 - May 2023

Bachelor's Project: End-to-End Machine Learning Web Application Development

- Developed a **web-scrapers** and collected the data from online markets places using selenium
- Utilized **Pandas**, **Numpy** and **Scikit-learn** libraries for **preprocessing** the data and training the models, chose three most suitable models to use in an ensemble model
- Developed the **backend** for the website using flask
- Made use of bootstrap and JQuery during the development of **Front-end**
- **Deployed** the project on a linux server

Kaggle

Kaggle competitions

- Utilized TensorFlow and scikit-learn libraries to develop several ML and DL projects, Including models for MNIST dataset, Ames Housing dataset

TECHNICAL SKILLS

- **Advanced:** Keras API, Scikit-learn, Pandas
- **Proficient:** TensorFlow, MySQL, Flask, Django
- **Competent:** JavaScript, HTML/CSS
- **Familiar:** MATLAB

CERTIFICATES

- [Neural Networks and Deep Learning](#)
- [Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization](#)
- [Structuring Machine Learning Projects](#)
- [Convolutional Neural Networks](#)

TEST SCORES

- IELTS Academic Overall 8.0 (L: 8.5, R: 8.5, W: 7.0, S: 7.0)