Mohammad Javaher

mohammad-javaher.github.io
LinkedIn: mohammad-javaher

Email: mohammadjavaaher@gmail.com
Mobile: +98-921-726-7588
GitHub: mohammad-javaher

EDUCATION

- **Nemuneh Dolati High School** — Larestan, Iran
  Natural Sciences Curriculum, GPA: 18.25/20 — *2022 – 2025*
  - Relevant coursework: Math (19.25/20), Physics (19.25/20), English (19.75/20)

PROJECTS

- **Air Pollution Forecasting with XGBoost**: Developed a time series forecasting model to predict daily air pollutant levels (O_3, NO_2, CO, SO_2) in the U.S. using historical data (2000–2016) with XGBoost. [Code][Web app]
- **Handwritten Digit Classifier with Neural Network**: Built and trained a neural network using PyTorch to classify handwritten digits with 97.7% accuracy. [Code]
- **Recommendation System**: Implemented a collaborative filtering model to generate personalized movie recommendations for users based on similarity in preferences. [Code]

EXPERIENCE

- **Smart Greenhouse Management** — Larestan, Iran
  2019 – Present
  - **Cactus and Succulent Cultivation**: Cultivated various species of cacti and succulents, ensuring healthy growth under optimized conditions.
  - **System Monitoring and Control**: Managed smart greenhouse systems to monitor and control temperature, humidity, and lighting.
  - **Sales and Marketing**: Marketed and sold products through local and online channels, increasing visibility and customer engagement.

- **NadimiCO** — Larestan, Iran
  Website Administration — *2021 – 2021*
  - **Website Maintenance**: Managed and updated the company's technology product website to ensure smooth performance and up-to-date content.
  - **Search Optimization**: Improved search functionality to help users find products more quickly and accurately.
  - **Customer Support**: Assisted customers with product inquiries, offering technical support and guidance.

SKILLS

- **Machine Learning**: Pandas, NumPy, Scikit-learn, PyTorch
- **Programming**: Python, SQL
- **Visualization**: Matplotlib, Seaborn, Streamlit
- **AgriTech**: Greenhouse production, Mushroom cultivation, Cactus breeding, Egg incubating
- **Languages**: English (Fluent), Persian (Native), Lari (Native)
- **Arts**: Playing Setar (traditional instrument), Wood crafting

CERTIFICATIONS

- **Kaggle: Python**: Completed Kaggle micro-course covering Python fundamentals for data analysis.
- **Kaggle: Pandas**: Learned data manipulation, cleaning, and analysis using the Pandas library.
- **Kaggle: Intro to Machine Learning**: Covered data preprocessing, model training, and evaluation basics.