

AMIR FAKHIM

Karaj, Alborz, Iran • +98-912-563-3229 • fakhim.amir@gmail.com • www.linkedin.com/in/amir-fakhim

SUMMARY

Ex-mechanical Engineer transitioned into a Data Scientist role after completing more than 15 different certifications related to machine learning, data analysis, and python programming language. Diverse experience completing data science projects like creating forecasting models, computer vision tasks, logistic issues, imbalance data analysis, and customer churn during the last 4 years.

SKILLS

- Data Visualization
- Artificial Intelligence (AI), and Machine Learning
- Data Extraction, Transformation, and Loading
- Data Wrangling, Exploration, and Modelling
- Database design and development with SQL databases
- Coding – Python / R
- Deep Learning Advanced Computer Vision
- Recurrent Neural Networks, LSTMs, NLP
- Tensorflow, and Keras
- Amazon Web Service (AWS)

EXPERIENCE

Freelancer, Karaj, Alborz

Sep 2018-Current

DATA SCIENTIST – MACHINE LEARNING SPECIALIST

- Co-operated in proposing a subject-independent Brain-computer interface (BCI) framework; improved accuracy by 3% compared with further frameworks
- Developed Convolutional Neural Network (CNN) model (modified NASNetLarge) to classify 6 types of Trashes, resulted in a 98.5% accuracy in test data
- Launched customer churn prediction model using PyCaret library in a cosmetics company, led to \$250K annual growth
- Designed merchandising strategies for grocery retailers based on clustering algorithms identifying key store attributes to increase logistic efficiency; caused 25% decreased monthly transportation cost
- Implemented Amazon machine-learning cloud service (Amazon SageMaker) in 2 companies, and trained a team of 6-person
- Created dashboards containing performance metrics to global and local senior management teams; dashboards used by 15+ executives

Köhler, Tehran, Tehran

May 2017-Sep 2018

DATA ANALYST – PROJECT MANAGER

- Analysed almost 30 years of company data to reduce product delivery time by 60%, and increase customer satisfaction by 40%
- Managed, planned, and monitored 21 elevator projects across four states of Iran; exceeded the income of company \$65k per project
- Directed multi-disciplinary 11-person team to design, develop, and install home, and industrial elevators

Mapna Group, Tehran, Tehran

Oct 2010 - Mar 2017

SENIOR MECHANICAL ENGINEER AND COORDINATOR

- Coordinated 61 power-plant projects in 40 different cities, which took almost one year and a half to complete each project
- Supervised a 16-week engagement in a four-member team for increasing a power-plant efficiency; assessed 10+ possible designs and provided a recommendation for the best suitable result
- Promoted within 12 months due to strong performance and organizational impact - ahead of schedule by 24 months

EDUCATION

SEM NAN UNIVERSITY, Semnan, Semnan
Bachelor of Engineering (B.E.) Mechanical Engineering

Sep 2008

LANGUAGE

- English C1
- German B2

CERTIFICATION

- Deep Learning Specialization – deeplearning.ai
- TensorFlow Developer Professional Certificate – deeplearning.ai
- Machine Learning with Python – IBM
- Databases and SQL for Data Science – IBM
- Managing Big Data with MySQL – Duke University
- Data Visualization & Communication with Tableau – Duke University

SOFTWARE & TOOLS

- Classification, Clustering
- Timeseries analysis, Recommendation systems
- MySQL
- PostgreSQL
- PowerBI
- Git
- Docker
- Kubernetes
- Scikit-learn
- Scipy
- TensorFlow
- Keras
- Matplotlib, Seaborn
- Numpy
- Pandas
- Cloud infrastructure