



YAZDAN ASADI

25 YEARS OLD / DATA ENGINEER

PROFILE INFO

I am enough of an artist to compose music from my imagination. Besides art, developing data science projects is my paramount enthusiasm. I am experienced in all stages of supervised and unsupervised learning model development and am willing to assist whoever wants to take a step toward Artificial Intelligence.



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Email

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Address

Hildesheim, Germany

MY SKILLS

PROGRAMMING:

- Python
- C/C++
- MATLAB
- R/RStudio
- JAVA

ADVANCED ANALYTICS:

- Tensorflow
- Keras
- Scikit-Learn
- SkTime

DATA VISUALIZATION:

- Matplotlib
- Seaborn
- Looker Studio

BIG DATA:

- Hadoop
- PySpark

DEVOPS:

- Git
- Docker
- GoogleCloud
- AWS

MY EDUCATION

2021 -
CURRENT



DATA ANALYTICS, UNIVERSITY OF HILDESHEIM

- M.Sc, Hildesheim, Germany.
- In progress, expected graduation in July-2024.

AUG 2016 -
JUL 2020



SOFTWARE ENGINEERING, UNIVERSITY OF KURDISTAN

- B.Sc, Kurdistan, Iran.
- CGPA: 2.2

WORK EXPERIENCE

JAN 2023 -
NOW



IT-ADMINISTRATOR

UNIVERSITY OF HILDESHEIM, GERMANY

- ECE Linux Server Maintenance.
- Mastering Ubuntu and Unix-based server machines.

JAN 2021 -
APRIL 2021



DATA SCIENCE CONSULTANT

FUTUREWAVE ULTRA-TECH, IRAN

- Anomaly Detection research.
- Machine Learning in the Telecommunication industry.

AUG 2019 -
DEC 2019



AI COURSE TEACHER ASSISTANT






UNIVERSITY OF KURDISTAN, IRAN

- Organizing lecture slides for AI Course.
- Solving exercises of the reference book.

SOFT SKILLS

- Leadership
- Critical Thinking
- Team Management
- Creativity
- Office 360/LaTeX

INTERESTS

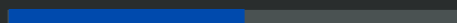
- Big Data 
- Optimization 
- Deep Learning 
- Meta-Creation 
- Time Series 

LANGUAGES

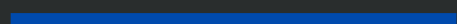
English



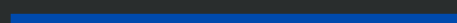
German



Persian



Kurdish



HOBBIES



REFERENCES

UWE OPERMANN

INSTITUT FÜR INFORMATIK
AG SOFTWARE SYSTEMS ENGINEERING
OPPERMANN [AT] UNI-HILDESHEIM.DE

FARDIN AKHLAGHIAN TAB

ASSOCIATE PROFESSOR
UNIVERSITY OF KURDISTAN
FARDIN.TAB [AT] GMAIL.COM

MY PROJECTS

DEC 2021 -
DEC 2022



EARLY TIME SERIES CLASSIFICATION WITH REINFORCEMENT LEARNING AND ROCKET TRANSFORMER (STUDENT RESEARCH PROJECT)

- Supervisor: Thorben Werner
- Working on ETSC with Real-time sensor data.
- Using Soft Actor-Critic in RL platform.

SPRING 2021



PREDICTING NUMBER OF INFECTIONS OF COVID-19 BASED ON TIME SERIES DATA

- Supervisor: Rojia Pir mohammadiani
- Time Series Analysis on Covid-19 dataset
- Deploying a Recurrent Neural Network (RNN) for prediction.

SPRING 2020



STUDENT'S GRADE PREDICTION (BACHELOR'S THESIS)

- Supervisor: Fardin Akhlaghian
- Implementing Machine Learning models such as SVM, Random Forest, Decision Tree, and Regression with Scikit-Learn library.
- Comparing accuracy with Deep Learning approach (using Keras and TensorFlow).

SUMMER 2020



PERSIAN POEM RECOMMENDER

- Implementing Top-N recommendation-based system for Persian Poem data
- Data Cleaning (Normalizing, Stemming, Indexing, removing, and stop-words) with NLTK Library

FALL 2020



FREQUENT ITEM MINING WITH DECISION TREE CLASSIFIER

- Comparison between FP-Growth and Apriori algorithms for Frequent Itemset Mining (FIM).

SUMMER 2022



DEPLOYING PERSONAL WEBSITE WITH DOCKER

- Experiencing micro-containers with Docker.
- HTML, CSS, and Javascript-based website.

SEMINARS & CERTIFICATES

MAR 2022 • Activity Recognition (Hierarchical Deep Neural Networks), University of Hildesheim

JUL 2022 • MasterClass Software Testing with Jira & Agile, Udemy

JUN 2022 • Time Series Analysis in Python , Udemy

AUG 2021 • Top-N Sequential Recommendation, University of Hildesheim

MAR 2020 • Big Data Analysis with Scala and Spark, EPFL

DEC 2019 • Neural Networks and Sequence Models, Coursera

SEP 2019 • Machine Learning by Stanford University, Coursera

NOV 2019 • Introduction to TensorFlow for Artificial Intelligence, DeepLearning.ai