Mansoor Nabawi

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With a master's degree in Data Analytics from Universität Hildesheim and a rich background spanning academia, Bosch, and startups, I bring expertise in Data Science, Machine Learning, and Deep Learning.

Skills

- Machine Learning
- Deep Learning
- Computer Vision
- Data Analysis
- Data Visualization

- Python, C++, Bash
- PostgreSQL, SQL
- Pytorch, OpenCV
- Natural Language Processing
- Time Series Analysis

- AWS, Google Colab
- Apache Hadoop, Spark
- GitHub Actions, Jira, Confluence
- Numpy, Pandas, Scikit-learn, Scipy
- Matplotlib, Plotly, Flask, Dash

Experience

AUG 2023 - FEB 2024

Master's Thesis Student (Masterand)
Robert Bosch GmbH
Hildesheim, Germany

- Developed novel approaches for 2.5D Vehicle Detection with L-shape polygons.
- Created a 2.5D dataset from 3D KITTI dataset.
- Proposed new evaluation metrics for the 2.5D Vehicle Detection.

DEC 2022 - JUL 2023

Working Student Evaluation of Automated Driving Assistance
Robert Bosch GmbH
Hildesheim, Germany

- Created dashboards and visualizations.
- Analyzed prediction results and Computer Vision tasks.

DEC 2021 - AUG 2022

Working Student Data Science
acto GmbH (formerly insightsON)
Paderborn, Germany

- Data preprocessing, quality check, feature engineering.
- Improving churn prediction by 20% using ensembles, boosting and stacking techniques, and finding churn reasons using segmentation and customer journey mapping.
- Performing Seasonality Detection and finding periods in which clients have seasonal effects instead of churning.
- Proposing new ideas on solving problems.
- Active participation in meetings to further develop the business strategy of the startup.

OCT 2021 - NOV 2021

Student Assistant Data Analytics
Stiftungsuniversität Hildesheim
Hildesheim, Germany

- Helping with class organization and answering students' questions regarding the class materials.
- Reading and implementing scientific papers.

JAN 2019 - JUL 2020	**Chief Operating Officer & Co-Founder** **Retina Corps** *Tehran, Iran*	• Responsible for managing a team of six employees in a digital marketing startup. • Helping employees to gain the right knowledge and information.
FEB 2018 - FEB 2019	**Freelance Web Designer** **Retina Corps** *Tehran, Iran*	• Designed websites using WordPress, HTML and CSS.

Education

OCT 2020 - MAR 2024	**MSc. in Data Analytics /** **Universität Hildesheim** Hildesheim, Germany	• M.Sc. Thesis: 2.5D Vehicle Detection with L-shape Polygon. Thesis grade: 1.3 • Student Research Project: Art pieces from GANs, reaching 1st place in a Kaggle challenge. • Important coursework: NLP, Time Series, Planning and Optimal Control, Survey Sampling, Machine Learning, Advanced Machine Learning, Big Data Analytics, Modern Optimization Techniques, Distributed Data Analytics.
SEP 2015 - FEB 2020	**BSc. in Computer Engineering-Software** **IAU-TNB** Tehran, Iran	• B.Sc. Thesis: Online movie recommender system using Apache Spark. Thesis Grade: 1.0 • Important coursework: Advanced Programming, Data Structure, Database, Software Engineering, Artificial Intelligence and Intelligent Systems, Software Testing, Computer Networks, Object-oriented System Design.

Certificates

- **Introduction to TensorFlow for AI, Machine Learning, and Deep Learning.** Coursera 12/2021.
- **Machine Learning, Stanford University.** Offered through Coursera 12/2019.
- **IBM Data Science Professional Certificate.** Coursera 10/2019.
- **Big Data.** Jahad-e-Daneshgahi Sharif 08/2019.

Honors & Awards

- **Landesstipendium Niedersachsen -** from 10/2023 until 03/2024.
- **Deutschlandstipendium -** from 10/2021 until 10/2023.

References

- **Alexander Lengsfeld,** Robert Bosch GmbH, alexander.lengsfeld@de.bosch.com
- **Muhammad Abdur Rafae,** Universität Hildesheim, rafaem@uni-hildesheim.de
- **Andre Stolhans,** acto GmbH: 0152 09101309