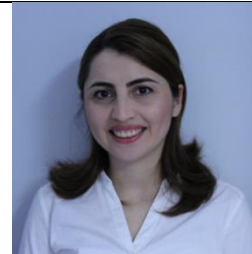


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PERSONAL DATA

First Name: Maryam
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EDUCATION

- **Master of Science in Data Analytics**
Hildesheim University, Germany, (2017- 2020)
- **Master of Science in Mathematical Statistics**
Allameh Tabatabai University, Tehran, Iran (2011-2013)
- **Bachelor of Science in Pure Mathematics**
Kharazmi (Tarbiat Moallem) University, Tehran, Iran (2005-2011)
- **High School diploma in Mathematics and Physics**
Nabavi High School, Gorgan, Iran (2002-2005)

WORK EXPERIENCE

Accenture, Munich, Germany (Sep 2022 –)

Machine Learning Engineer

TopSeven, Starnberg, Germany (May 2021 – July 2022)

Machine Learning Engineer

- Tasks:
 - Developing algorithms, programs, documents, tests
 - Machine Learning Pipeline Architecture Deployment (Python, C++ and Qt)
 - Optimizing software, scripts or algorithms
 - Implementing customer-related solutions in close cooperation with the product manager
 - Programming scripts for new product and services
 - Analyzing and evaluating measurement data
 -
- Technologies: Python, C++, Qt, Pytorch, Torchvision, Detectron2, MMDetection, Git, Visual Studio, Visual Studio Code, Pycharm, Rust, AWS, SQL Server

Aioneers, Mannheim, Germany (Dec 2020 –April 2021)

Data Scientist

- Tasks:
 - Selecting features and forecasting demands using machine learning techniques
 - Developing algorithm for supply chain management concepts to make it automatic
 - Processing, cleansing, and verifying the integrity of data used for analysis
 - Presenting demo cases for developed algorithms and ideas
- Technologies: Python, Pandas, Jupyter Notebook, Microsoft Azure DevOps, Git, Scikit-learn

Bosch, Renningen, Germany (Feb 2020 – Sep 2020)

Master Thesis:

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- Contributions:
 - Develop Constrained Optimization for Gradient Boosting Models
 - Patent Algorithm in German Patent Office
 - Develop Safe Classification algorithm with Gradient Boosted Trees
 - Write a [Python Library](#) for Constrained Optimization of Gradient Boosting
 - Apply Constrained Optimization of Neural Networks (CNN and LSTM)
- Technologies: Tensorflow, Keras, Git, Scikit-learn, Bosch Cloud, Timux, Pycharm, Visual Studio Code

Rexroth (A Bosch Company), Lohr am Main, Germany (July 2019 – Dec 2019)

Machine Learning Intern

- Contributions:
 - Develop an algorithm for Safe Bayesian Optimization with Local Gaussian Process
 - Accelerate SafeOpt for online learning
 - Write Python OOP Code to create internal toolbox
 - Work Table soccer robot with Reinforcement Learning
- Technologies: Python, OOP, Pycharm, Gpy, SafeOpt, Scikit-learn, Gym, Gaussian Process

Stiftung Universitat Hildesheim, Hildesheim, Germany (Sep 2018 – Nov 2018)

Student Assistant

- Supporting the scientific and artistic staff in their research and teaching assignments at the International Office

Eshragh Statistical Analysis Techniques, Zanjan, Iran (Aug 2013 – Sep 2015)

Business Analyst (ICT)

- Tasks:
 - Determining project requirement from users
 - Predicting, brainstorming and considering likely requirement of Future
 - Constraining, managing and organizing core business requirements
 - Identifying and evaluating inefficiencies and recommending optimal business practices, and system functionality and behavior
 - Modelling data in order to develop business system, functional solutions developments
 - Conducting, guiding and assisting system to making better decision, and to determine when deactivation or replacement is required
- Technologies: R, Python, SPSS, SQL Server, Shiny, Eviews, Minitab,

SKILLS

Programming Languages:

- R, Python (skilled), C++ (experienced), Rust (familiar)

Python Toolboxes:

- Spark, TensorFlow, Keras, Pytorch, Torchvision, Detectron2,

Database tools:

- SQL Server, MongoDB

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Utilities:

- Visual Studio, Git, Qt (experienced)

Cloud:

- AWS, Microsoft Azure, Databricks azure

LANGUAGES

- English: Fluent
- Deutsch: Intermediate
- Persian: Native

HONORS and AWARDS

- Reward for Patent submission from Bosch Center of AI research.
- I am identified and honored as an exceptional student at Allameh Tabatabai University
- Because of my high master's GPA (18 out of 20), I am able to apply for the PhD of Mathematical Statistics without attending at entry exam