Curriculum Vitae

Name	Mehran Ahkami
Date/Place of birth	22 Sep 1994, Tehran
Nationality	Iranian
Marital status	Single
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Profile

Computer science engineer with 7 years of experience and proven skills in data analysis, software development, and machine learning (ML). Seeking to use academic, technical, and team working skills for a position in software development, data management, and machine learning. At Daimler Mobility AG cooperated with risk domain experts to develop and deploy scoring and rating applications, machine learning models and automated services. Also, currently working on scorecard recalibration to improve quantitative metrics. Meanwhile, I participated in cutting-edge courses like "AutoML", "Deep learning", and "Machine Learning'' at Albert-Ludwigs-Universität Freiburg.

Professional Experience

Jun 2021 – Nov 2021
Part time

Risk Instrument Working Student
Daimler Mobility AG, Stuttgart (Germany)
- Optimized and recalibrated scorecard model to improve quantitative metrics.
- Created and tested business policy rules in IBM ODM tool.

Oct 2020 – Apr 2021
Full time

Risk Instrument Intern
Daimler Mobility AG, Stuttgart (Germany)
- Collaborated closely with the IT department to migrate current solutions to Microsoft Azure.
- Introduced new scoring pipelines by integrating anomaly detection into the current procedure.
- Implemented a "Scorecard modeling Toolbox" to enhance model development for Risk Instrument Group at DMO.
- Worked with different data formats like csv, rds, xml, yaml, sas7bdat.

Jun 2019 – Jul 2020
Part time

Software Developer
Psiori GmbH, Freiburg (Germany)
- Developed frontend and backend services using Python, Docker, Vue.js
- Defined and trained machine-learning models with Keras and Tensorflow libraries to satisfy customer demands, using test-driven approaches.

Aug 2016 – Sep 2017
Full time

Technical Site Survey Coordinator
Ericsson, Tehran (Iran)
- Delivered challenging project milestones within an international and multidisciplinary team.
- Gained a professional mindset by working as a telecommunication vendor.

Jun 2015 – Sep 2015
Full time

Android Developer Intern
eFarda, Tehran (Iran)
- Developed an Android app based on Google Map API to report arrivals and departures of employees.

Education

Apr 2019 – Apr 2022 *[expected]*	**M.Sc. in Computer Science** *Albert-Ludwigs-Universität Freiburg, Freiburg (Germany)* ● Major: Artificial Intelligence ● Constructed solid knowledge in Deep Learning, Machine Learning, and Reinforcement Learning. ● Learned principles as well as a practical understanding of advanced database technologies.
Sep 2012 – Jan 2017	**B.Sc. in Information Technology Engineering** *Amirkabir University of Technology, Tehran (Iran)* ● Thesis: Established a "Framework for cleaning Big Data" for medical records of the Ministry of Health in Iran.

Selected Projects

Dreamerv2 *(university)*	Model-based reinforcement learning agent to play Atari games redeveloped by Pytorch
AutoML *(university)*	Multi optimization task to define a neural network based on size and precision constraints in python
Lunar Lander *(university)*	Reinforcement Learning based agent to land a spaceship in simulation using off-the-shelf neural architectures
Cartpole *(university)*	Applying the latest learning approaches to solve continuous configuration of Cartpole
Scorecard Toolbox *(Daimler Mobility AG)*	Developed a statistical software suite to train scoring models for risk management purposes

Certificates and Online Courses

Jun 2020	Udemy	Beginning of C++ Programming – From Beginner to Beyond
Dec 2018	IBM	Docker Essentials: A Developer Introduction
Nov 2018	IBM	Data Science Foundations Level 1 & 2
Nov 2015	Ericsson	ICT Professional Foundation

Additional Qualifications

Language	English: proficient in writing and speaking (C1) German: intermediate in writing and speaking (B1-B2) Persian: mother tongue
Programming	Advanced: Python, R, Pytorch, H2O, Tensorflow, SQL & NoSQL, XML, JSON, Intermediate: Cloud Computing, Docker, Hadoop, Spark, Java
Hobbies / Interests	My favorite hobby is reading. Reading helps me to keep on track with the fast-changing world. Besides reading, I like to watch movies with my friends at the cinema and hang out after the movie. In warmer seasons, I like to go hiking and spending time in nature. It refreshes my mind and soul and helps me to concentrate again.