# **Curriculum Vitae**

Name Mehran Ahkami Date/Place of birth 22 Sep 1994, Tehran

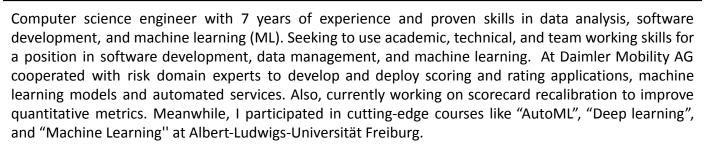
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### **Profile**



# **Professional Experience**

Part time

# Jun 2021 - Nov 2021 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 Technical Site Survey Coordinator

Full time

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	Developed a statistical software suite to train scoring models for risk
(Daimler Mobility AG)	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 /	My favorite hobby is reading. Reading helps me to keep on track with the fast-changing
Interests	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.