 Manuel Pasieka, MU MU

# Persönliche Informationen

1210 Wien, Österreich

25. Juni 1984  +43 681 8161 3940  contact@manuelpasieka.com  [http://www.manuelpasieka.com](http://www.manuelpasieka.com/)

# Berufserfahrung

01/2022 – jetzt **Freelancer Machine Learning Engineer**

**Software Development & Data Science & Practical ML**

I help companies to leverage the power of Machine Learning for their Business

06/2020 – 04/2022 **Senior Machine Learning Engineer**

**MOSTLY.AI**

Building the world’s best synthetic data generation engine that protects privacy of individual without sacrificing data quality

* Researching and developing product improvements
* Technical lead in Customer PoC’s
* Development of internal tools for dataset management and experiment automatization
* Training and supervision of junior data scientists

Applied Technologies: Tensorflow/Keras, pySpark, Docker, AWS

01/2020 – 03/2020 **Data Scientist**

**Craftworks GmbH**Solution focused development of data science projects for customers from various industries.

Applied Technologies: TensorFlow, Spark, Plotly

10/2012 – 10/2018 **Scientific Software Engineer**

**Vienna Biocenter Core Facilities GmbH**Developing data analysis applications used by neuroscience researchers. In particular, applications to automatically quantify and analyze animal behavior, and software to process and analyze neuronal activity. - Developing hardware control software for behavior experiments  
\* Building tooling for data processing and visualization  
\* Creating network analysis tools for structural and behavioral neural measurements  
\* Building data analysis pipelines for animal behavior classification  
Applied Technolgies: Python, Matlab, R, matplotlib, seaborn numpy, pandas, scipy, scikit-learn

01/2011 – 01/2012 **Research Assistent**

**Universidad Politécnica de Valencia**

Developing a simulation environment controlled by a stationary replica of an autonomous industrial vehicle with the goal to evaluate different control algorithms.

Applied Technologies: Python, C, ROS

01/2011 – 01/2012 **Embedded System Engineer**

**Adaptivia GmbH**

Programming of 16 bit low power SoC devices for wireless underground sensor networks.

Applied Technologies: C, Embedded system engineering, System and Network design

# Ausbildung

01/2018 – 01/2019 **Universidad Internacional de La Rioja**

Master in Artificial Intelligence at Universidad Internacional de La Rioja

Cognitive Neuroscience, Automatic reasoning and planning, Natural Language

Processing, Deep Learning

01/2010 – 01/2012 **Universidad Politécnica de Valencia**

Master in Parallel and Distributed Computing at Universidad Politécnica de

Valencia

Machine Learning

Distributed Systems, P2P Networks, Parallel Computing, High performance computing

01/2005 – 01/2009 **Technical University of Vienna**

Bachelor in Computer Science at Technical University of Vienna

Software Development, Embedded system engineering, Computer Theory Data Science