



EDUCATION

2018–2020	M.Sc. Artificial Intelligence <i>Focus: {Deep, Machine, Reinforcement} Learning, Computer Vision</i>	Universiteit van Amsterdam, Vrije Universiteit Amsterdam GPA 8.61/10 (est)
2014–2017	B.Sc. Applied Computer Science <i>Focus: Image processing and pattern recognition</i>	University Heidelberg GPA 3.48/4
2013–2014	B.Sc. Physics Change of degree after the second semester, kept as minor studies	University Heidelberg

EXPERIENCE

09/2019– 12/2019	Internship – Medical AI Analysis of fMRI data from the Human Connectome Project to understand the connectivity mapping in the brain for auditory and visual stimuli. Better understanding which area of the brain is responsible for what. Python / PyTorch	Spinoza Centre for Neuroimaging, Vrije Universiteit, Amsterdam
06/2019– 08/2019	Internship – AI for production control Worked within the engine development department. Building statistical models to analyze engine part quality and live fleet monitoring. Building a production ready data visualization app. Python / PySpark / Palantir Foundry / PostgreSQL / Dash / Agile development	BMW Group, Munich
04/2018– 08/2018	Full-stack Web developer Ground up development of a communication and organization web portal in Ruby on Rails. Backend and Frontend work, idea to finish. Rails / Ruby	Bürgerwerke eG, Heidelberg
09/2016– 06/2017	Laboratory admin Administrator in the behavior Economics computer lab. Development of an experiment administration software. Rails / Ruby / Python	Alfred-Weber-Institute for Economics, Heidelberg
10/2015– 02/2016	Teaching Assistant Self-prepared weekly training classes for course practical computer science. C++	University Heidelberg
06/2015–	Voluntary work / CO-Founder Student-founded non-profit company building sustainable student housing. We are building an innovative living space for 200 young people. Creating an educational center for holistic self-learning. team building / lead generation / design work / writing grant applications	Collegium Academicum, Heidelberg

B.SC. THESIS

One-shot detection in art historic images
Using a FCN-ResNet based detector the thesis provides a reverse image search tool here in particular to retrieve art historic images containing a given object from a sample image.
Python / Keras / Caffe

LANGUAGES

German — native
English — proficient (TOEFL 112/120)
Persian — learning

HOBBIES

climbing, mountaineering, electronic music production

REFERENCES

Prof. Dr. Björn Ommer
Full Prof for Computer Vision
University Heidelberg

Jörg Lederbauer
Senior Vice President
BMW Group

Dr. Miguel Bautista Martin
Research Engineer
Apple Inc