

Resumé

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EDUCATION

2018–2020	M.Sc. Artificial Intelligence GPA 8.61/10 Focus: Deep Learning, Computer Vision, Machine Learning, Reinforcement Learning	Universiteit van Amsterdam, Vrije Universiteit Amsterdam
2014–2017	B.Sc. Applied Computer Science GPA 3.48/4 Focus: Image processing and pattern recognition	University Heidelberg
2013–2014	B.Sc. Physics Change of degree after the second semester	University Heidelberg
2005–2013	A levels GPA B-	Max-Planck Gymnasium, Schorndorf

EXPERIENCE

09/2019– 12/2019	Internship Analysis of fMRI data from the Human Connectome Project to understand the connectivity mapping in the brain for auditory and visual stimuli. Python / PyTorch	Spinoza Centre for Neuroimaging, Vrije Universiteit, Amsterdam
06/2019– 08/2019	Internship 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	Web developer Development of a communication and organization web portal. Rails / Ruby	Bürgerwerke eG, Heidelberg
09/2016– 06/2017	Laboratory admin Administrator in the behaviour 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. Creating a educational center for holistic self-learning. team building / lead generation / design work / 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