

Resumé

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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	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 / 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

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