



## EDUCATION

2018–2020	<b>M.Sc. Artificial Intelligence</b> {Deep, Machine, Reinforcement} Learning, Sound processing, Computer Vision	<b>Universiteit van Amsterdam, Vrije Universiteit Amsterdam</b> GPA 8.7/10 (est)
2014–2017	<b>B.Sc. Applied Computer Science</b> Focus: Image processing and pattern recognition	<b>University Heidelberg</b> GPA 3.48/4
2013–2014	<b>B.Sc. Physics</b> Change of degree after the second semester, kept as minor studies	<b>University Heidelberg</b>

## EXPERIENCE

02/2020– 04/2020	<b>Teaching Assistant – IR</b> TA for the masters course <i>Information Retrieval I</i> .	<b>Universiteit van Amsterdam</b>
01/2020– 02/2020	<b>Teaching Assistant – FAIR</b> TA for the masters course <i>Fairness, Accountability, Confidentiality and Transparency in AI</i> .	<b>Universiteit van Amsterdam</b>
09/2019– 12/2019	<b>Internship – Medical AI</b> 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	<b>Spinoza Centre for Neuroimaging, Vrije Universiteit, Amsterdam</b>
06/2019– 08/2019	<b>Internship – AI for production control</b> 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	<b>BMW Group, Munich</b>
04/2018– 08/2018	<b>Full-stack Web developer</b> Ground up development of a communication and organization web portal in Ruby on Rails. Backend and Frontend work, idea to finish. Rails / Ruby	<b>Bürgerwerke eG, Heidelberg</b>
09/2016– 06/2017	<b>Laboratory admin</b> Administrator in the behavior Economics computer lab. Development of an experiment administration software. Rails / Ruby / Python	<b>Alfred-Weber-Institute for Economics, Heidelberg</b>
10/2015– 02/2016	<b>Teaching Assistant</b> Self-prepared weekly training classes for course practical computer science. C++	<b>University Heidelberg</b>
06/2015–	<b>CO-Founder / Voluntary work</b> 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	<b>Collegium Academicum, Heidelberg</b>

## 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