Resumé

Maurice Frank

Amsterdam
+31 6 38493722
maurice.frank@posteo.de
morris-frank.dev
github.com/morris-frank

EDUCATION

2018–2020 **M.Sc. Artificial Intelligence** — **Universiteit van Amsterdam, Vrije Universiteit Amsterdam**
Focus: Deep Learning, Computer Vision, Machine Learning, Medical Imaging

2014–2017 **B.Sc. Applied Computer Science** — **University Heidelberg**
Specialization in image processing and pattern recognition, *GPA 3.48*

2013–2014 **B.Sc. Physics** — **University Heidelberg**
Change of degree after the second semester

2005–2013 **A levels** — **Max-Planck Gymnasium, Schorndorf**
GPA of*B-*

EXPERIENCE

09/2019–12/2019 **Internship** — **Spinoza Center, Amsterdam**
Anaylsis of fMRI data from the Human Connectome Project.
`Python` / `PyTorch`

06/2019–08/2019 **Internship** — **BMW Group, Munich**
Building statistical models to analyze engine part quality and live fleet monitoring. Building a production ready data visualization app.
`PySpark` / `Palantir Foundry` / `Python` / `PostgreSQL` / `Dash` / `Agile development`

04/2018–08/2018 **Web developer** — **Bürgerwerke eG, Heidelberg**
Development of a communication and organization web portal.
`Rails` / `Ruby`

09/2016–06/2017 **Laboratory admin** — **Alfred-Weber-Institute for Economics, Heidelberg**
Behaviour Economics computer lab + Development experiment administration software
`Rails` / `Ruby` / `Python`

10/2015–02/2016 **Teaching Assistant** — **University Heidelberg**
Self-prepared weekly training classes for course practical computer science
`C++`

06/2015– **CO-Founder** — **Collegium Academicum**
Student-founded project/company building sustainable student housing
`lead generation` / `team building`

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`

Adviser: Dr. Miguel Bautista Martin, Prof. Dr. Björn Ommer

LANGUAGES

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

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