Resumé
Maurice Frank

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morris-frank.dev

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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