Antonin Sulc PhD

CONTACT INFORMATION	+49 152 265 75 325 sulc.antonin@gmail.com http://sulcantonin.github.io	Hamburg Germany

RESEARCH INTERESTS

Anomaly Detection, Compute Vision, NLP + LLM

TECHNOLOGIES

PyTorch, Streamlit, HuggingFace, High-Performance (Cloud) Computing, R

LANGUAGES

English (C1), German (B2), Czech (native), Russian/Ukrainian + Hebrew + Korean (reading)

EDUCATION

University of Konstanz, Konstanz, Germany

PhD., Artificial Intelligence - Computer Vision, 2015 - 2020

- Thesis Topic: *Lightfield Analysis for non-Lambertian Scenes*
- Grade: *Magna Cum Laude* (1.0)
- Advisors: Prof. Dr. Bastian Goldluecke
- 380 Citations (Google Scholar)
- Publications on top-tier conferences (CVPR, ICCV, BMVC)
- My duties also involve supervision of students and supporting other departments in their tasks (Dpt. of Collective Behaviour)

Czech Technical University, Prague, Czech Republic

Bc., MSc., Artificial Intelligence, 2008 - 2014

- Topic: *On parametric model creation with Neural Modeling Fields*, **nominated as a master thesis of year 2014** in Czech Republic
- Advisor: Dr. Michal Vavrecka

WORK HISTORY

Co-Founder — 2022 - ∞
mindling.tech
Consulting Start-up,
Development of tailor made AI solutions

Senior Data Scientist — 2021 - 2024
MCS DESY Hamburg
Accelerator Control Systems,
Fixed Term Contract,
Real-time accelerator controls algorithms for anomaly detection at EuXFEL
Improvement of DESY FAIR principles with LLM

Visiting Researcher (PhD.) — 2020
University of Haifa,
Marine Imaging Lab
A short term research stay, lead to one publication
Supervisor: Dr. Tali Treibitz

Visiting Researcher (PhD.) — 2019-2020
National Institute of Informatics in Tokyo,
Imari Sato Lab
A short term research stay,
Supervisor: Prof. Dr. Imari Sato

Software Engineer & Data Scientist — 2014 - 2015
Vendavo Inc., Prague, Czech Republic
Development of recommender systems
Supervisor: Dr. Ludek Kopacek, Eric Bergerson