Education

KTH Royal Institute of Technology, Machine Learning
Stockholm, Sweden
2023 – 2026

University of Surrey, Computer Science
Guildford, UK
2019 – 2023

Experience

Computational Imaging and Vision Laboratory, National Institute of Informatics,
Research Exchange Student
Temporal Motion Magnification
Tokyo, Japan
2025 – 2026
1 year

Ericsson Research, Master's Thesis Student
Towards Adaptive Reinforcement Learning for Network-Aware Robotics via Quantization
Techniques
Stockholm, Sweden
2025 – 2025
1 year

Visualization Course, KTH Royal Institute of Technology, Teachning Assistant (Visual-
ization course)
Stockholm, Sweden
2024 – 2024
1 year

Centre for Vision, Speech and Signal Processing, University of Surrey, Summer
Research Internship Student
Guildford, UK
2023 – 2023
1 year

Hawk-Eye Innovations, Machine Learning Engineer (Placement)
Basingstoke, UK
2022 – 2023
1 year

Publications

**Genetically Modified Wolf Optimization with Stochastic Gradient Descent for Opti-
mising Deep Neural Networks**
Developed a novel optimization approach combining metaheuristic algorithms and SGD
to balance exploration and exploitation for training Deep Neural Networks.
Manuel Bradicic, Michal Sitarz, Felix Sylvest Olesen
arxiv.org/abs/2301.08950

Skills

Programming Languages

ML/AI Frameworks

Tools & Infrastructure

3D/Simulation

Languages

Polish
Native speaker

English
Fluent

Serbo-Croatian
Fluent

References

Doctor Imari Sato

Doctor Christos Mavridis