

## **Education**

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**KTH Royal Institute of Technology**, Machine Learning

Stockholm, Sweden

2023 – 2026

**University of Surrey**, Computer Science

Guildford, UK

2019 – 2023

## **Experience**

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**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**, Teaching Assistant (Visualization 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**

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**Genetically Modified Wolf Optimization with Stochastic Gradient Descent for Optimising 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](https://arxiv.org/abs/2301.08950)

## **Skills**

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**Programming Languages**

**ML/AI Frameworks**

**Tools & Infrastructure**

**3D/Simulation**

## **Languages**

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**Polish**

Native speaker

**English**

Fluent

**Serbo-Croatian**

Fluent

## **References**

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**Doctor Imari Sato**

**(Doctor Christos Mavridis)(<https://mavridischristos.github.io/>)**