

# Antoni Kowalcuk

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## Experience

### CISPA Helmholtz Center for Information Security, Saarbrücken – *PhD candidate*

January 2024 – Now

Co-author of CDI: Copyrighted Data Identification in Diffusion Models

Author of Benchmarking Robust Self-Supervised Learning Across Diverse Downstream Tasks – published at the ICML 2024 Workshop on Foundation Models in the Wild

### CVLab@WUT, Warsaw – *Student Research Assistant*

January 2023 – December 2023

Author of Towards More Realistic Membership Inference Attacks on Large Diffusion Models – published at WACV 2024

Work on adversarial examples against SSL vision encoders; cooperation with CISPA.

### OLX Group, Warsaw – *Junior Data Scientist*

July 2021 – January 2023

Maintenance, development, and analysis of a company-scale project affecting millions of users daily.

### Consumer Intelligence, Warsaw – *Data Scientist*

September 2020 – February 2021

Developing Business Intelligence dashboards. Processing data at scale. Development of a data warehouse. Managing a team of data scientists.

## Education

### Universität des Saarlandes, Saarbrücken – *PhD*

April 2024 – Now

### Warsaw University of Technology, Warsaw – *Bachelor's of Science and Engineering*

October 2020 – February 2024

Computer Science, specialization in Artificial Intelligence. Graduated with honors. President of the biggest AI Student society in Poland: Golem.

## Achievements

Winner/podium AI Games Hackathon (2020 & 2022), BiteHack (2022), CERN Winter Campus Hackathon (2022)

Best poster award ML in PL Conference 2023

## Activity

President AI Student Society Golem @ WUT (2021–2022)

Organizer ML in PL Conference (2021–2024)

Project Leader KNUMxGolem AI&DS Hackathon (2022)

Organizer EnsembleAI Hackathon (2024 & 2025)

## Languages

Polish – Native Speaker

English – C1

German – A2