

# Bartłomiej Cupiał

I am Machine Learning passionate. What drives me the most is to gain a better understanding of how intelligence and consciousness work, mainly by studying deep learning but recently also by neuroscience. My main areas of research is unsupervised and reinforcement learning, continual learning and improving the learning efficiency .



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## EDUCATION

### Wrocław University of Science and Technology

MSc in Algorithmics

2020.03 - Present

### Wrocław University of Science and Technology

BSc in Computer Science

2016.10 - 2020.02

## WORK EXPERIENCE

### Machine Learning Engineer

LifeFlow

- Responsible for design and implementation of machine learning based solutions for cardiac diagnostics problems.

- Used PyTorch, AzureML

2019.11 - Present

### C++ developer in starter program

Asseco

2019.07 - 2019.10

## PROJECTS

Machine Learning analysis of network simulations (2020.02 - Present)

- The goal of the project is to break Mix Network with DL.
- Research project
- Using Flax, AzureML

My Engineering Thesis (2019)

- Topic: Methods of camera recognition based on image samples
- Used machine learning methods

Reinforcement Learning for pong game (2019.10)

- Small project created especially for demonstration in DAS
- Used PyTorch, openai gym

My own implementation mix match algorithm (2019.06)

- Used PyTorch and fastai

## SKILLS

Python

- NumPy, Pandas, PyTorch, Fastai



C++

- STL, Boost, SFML



Git



Linux



Docker



## ORGANIZATIONS

Solvro Students' Association (2018 – Present)

## LANGUAGES

Polish

Native

English

B2/C1

## ADDITIONAL EXPERIENCE

Conducting workshops for new people interested in machine learning in Solvro Students' Association

MLinPL students speaker (2019 Conference)

Talk about MixMatch

Fastai course by n-weaves

Participation in few kaggle contests

Hopelt Hackaton

## INTERESTS

Machine and Deep Learning

Chess

Basketball

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