Bartłomiej Cupiał

Student, Machine Learning Engineer, interested in reinforcement learning.

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EDUCATION

Jagiellonian University
Msc in Computer Science, Machine Learning
2021.10 - 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.
- Developed computer vision algorithms applied to medical data.
- Working with voxels and meshes.
- Using Python, PyTorch, ONNX, Docker, AzureML
- Developing non-invasive cardiac diagnostics system. Created machine learning-based solutions for segmentation of coronary arteries and myocardium. Solving computer vision tasks related to 3D medical data in voxels and meshes. Researching application of reinforcement learning algorithms to the medical domain

2019.11 - Present

C++ developer in starter program
Asseco
2019.07 - 2019.10

PROJECTS

Transformers in Continual Reinforcement Learning (2021.10 - Present)
- I am working on the project in collaboration with the IMPAN group and members of the Jagiellonian University
- Development of the work from the publication Continual World
- Using PyTorch, Tensorflow, MuJoCo environment

My Engineering Thesis (2019)
- Topic: Methods of camera recognition based on image samples
- Used machine learning methods

My own implementation mix match algorithm (2019.06)
- Used PyTorch and fastai

SKILLS

Python ●●●●○

Git ●●●○○

Linux ●●●○○

Docker ●●○○○

ORGANIZATIONS

Solvro Students' Association (2018 – Present)

LANGUAGES

Polish
Native

English
B2/C1

ADDITIONAL EXPERIENCE

Stanford reinforcement learning course

Conducting workshops for new people insterested 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

HopeIt Hackaton

INTERESTS

Reinforcement Learning   Chess   Basketball