Szymon Maszke

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📞 Provided upon request   ⬛ szymonmaszke

📍 Poland, Kraków   Szymon Maszke

📑 stackoverflow

- ★ **Top 10 PyTorch** all time
- ✔ **471** answers
- 👍 **17,949** points

🎓 Education

M.Sc. Computer Science (Machine Learning specialization)

🏛 Jagiellonian University   🏆 GPA 4.7/5.0 (ML 4.9+/5.0)   📅 2018-2021

B.Sc. Computer Science

🏛 Jagiellonian University   📍 Faculty of Physics   📅 2014-2017

⚙ GitHub

- ★ **1527** stars received
- 👤 **137** followers

💼 Work

💼 **Head Of Content**   📍 **AiCore**   📅 11/2020-09/2021

- Developed ML/DL/DevOps units of the course
- Taught Python/DS/ML/DL/DevOps to students (100+ people)
- Ran mock interviews and supported student projects/development

💼 **Freelance Machine Learning**   📍 **Various**   📅 08/2019-06/2020

- Developed cost-effective neural network art tagger (**see open source**)

💼 **Machine Learning Research**   📍 **Codete**   📅 04/2018-09/2018

- Developed & tested POC Keras ↔Tensorflow neural network converter
- Co-created company's commercial Machine Learning & NLP courses
- Developed & managed promotional algorithmic/hacking challenges

⚙ Stack

python	C++	java
C	SQL	R	bash

- numpy   jinja   spacy
- sklearn   pandas   onnx

tensorflow{1,2}.x   keras

pytest   hypothesis   tox

linux   make   cmake

kubernetes   kubeflow

prometheus   dvc

docker   pyspark

✏ Research

Biologically-Inspired Spatial Neural Networks

👥 NeurIPS   📅 10/2019

💬 Languages

🔊 **Polish** native

🔊 **English** C1

⟳ Open Source

⚙ **szymonmaszke/torchlayers**   ★ 534   📅 03/2020

- Shape & dimension inference for PyTorch (like **Keras**)
- Improved prototyping speed, zero overhead, featured on KDNuggets

⚙ **szymonmaszke/torchlambda**   ★ 98   📅 03/2020

- Lightweight deployment of PyTorch neural networks to AWS Lambda
- Reduced fixed costs of AI infrastructure (1M free requests)

⚙ **szymonmaszke/torchdata**   ★ 249   📅 09/2019

- Extended PyTorch datasets with cache, map etc. (like **tensorflow.data**)
- 🏆 One of PyTorch Global Summer Hackathon 2019 winning projects

⚙ **szymonmaszke/vimpyter**   ★ 338   📅 03/2018

- Integration of Vim and jupyter scientific notebooks