

# Szymon Maszke



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szymonmaszke



Poland, Kraków



Szymon Maszke

## stackoverflow

★ Top 10 PyTorch all time

✓ 452 answers

👍 15,964 points

## GitHub

★ 1456 stars received

👤 125 followers

## Skills

python C++ java  
C SQL R bash

numpy jinja spacy  
sklearn pandas onnx

tensorflow{1,2}.x keras

tests CI CD dvc

linux make cmake

aws-lambda prometheus

docker coremltools

## Research

Biologically-Inspired Spatial  
Neural Networks

👤 NeurIPS 📅 10/2019

## Languages

🔊 Polish native

🔊 English C1

## 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

## Work

**Head Of Content**

📍 **AiCore**

📅 11/2020-Present

- Developed ML/DL/Deployment units of the course
- Taught Python/DS/ML/DL/Deployment 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

## Open Source

**szymonmaszke/torchlayers**

★ 531

📅 03/2020

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

**szymonmaszke/torchlambda**

★ 86

📅 03/2020

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

**szymonmaszke/torchdata**

★ 250

📅 09/2019

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

**szymonmaszke/vimpyter**

★ 319

📅 03.2018

- Vim and scientific notebooks (jupyter) integration

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