# Szymon Maszke













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# stackoverflow

- ★ Top 5 PyTorch all time
- ✓ 492 answers
- **20,838** points

## (C) GitHub

- ★ 1666 stars received
- **150** followers

# **♥** Stack



## Research

Biologically-Inspired Spatial Neural Networks

NeurlPS

**10/2019** 

## Languages

- **♦** Polish native
- English C1

## **Education**

#### M.Sc. Computer Science (Machine Learning specialization)

**m** Jagiellonian University

**♀** Faculty of Mathematics

**#** 2018-2021

**B.Sc. Computer Science** 

**m** Jagiellonian University

**♀** Faculty of Physics

**2014-2017** 

## **Work**

**Consultant** 

**♀** moises.ai

## 05/2022-Present

- Developing conversion of audio neural networks to edge devices
- **Consultant**
- **♀** Creativ-Ceutical
- ## 03/2022-Present
- Advising on the use of machine learning (ML) and deep learning (DL)
- Planning development and architecture of ML-related projects
- **Head Of Content**
- **♀** AiCore
- **#** 11/2020-09/2021
- Developed and taught Linux/ML/DL/DevOps units of the course
- Ran mock interviews and supported student projects/development

**□** Freelance Machine Learning **Q** ArtPlate

- Developed cost-effective neural network art tagger (see open source)
- Machine Learning Research
- **♀** Codete
- **#** 04/2018-09/2018

**1** 08/2019-06/2020

- Developed & tested POC Keras →Tensorflow neural network converter
- Co-created company's commercial Machine Learning & NLP courses

## Open Source

#### Szymonmaszke/torchlayers

★ 552

**#** 03/2020

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

#### Szymonmaszke/torchlambda

**1**12

- Lightweight deployment of PyTorch neural networks to AWS Lambda
- Reduced fixed costs of AI infrastructure (2M free requests)

#### Szymonmaszke/torchdatasets

**1** 249

**#** 09/2019

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

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