# Szymon Maszke

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📞 Provided upon request

📍 Poland, Kraków

in Szymon Maszke

⬛ szymonmaszke

Szymon Maszke

## 📑 stackoverflow

- ★ **Top 10 PyTorch** all time
- ✔ **471** answers
- 👍 **17,829** 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

- ★ **1525** stars received
- 👤 **138** 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 | |

## ○ Open Source

○ **szymonmaszke/torchlayers**  ★ 533  📅 03/2020

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

○ **szymonmaszke/torchlambda**  ★ 96  📅 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
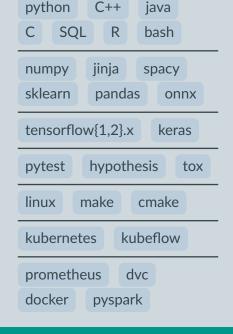
○ **szymonmaszke/vimpyter**  ★ 339  📅 03/2018

- Integration of Vim and jupyter scientific notebooks

## ✏ Research

**Biologically-Inspired Spatial Neural Networks**

👥 NeurIPS  📅 10/2019

## 💬 Languages

- 🔊 **Polish** native
- 🔊 **English** C1