



Oliver Atanaszov

My background is in engineering and neuroscience with a strong interest in machine learning. Besides my studies I have 2+ years of work experience as a student data scientist. I hope to dive into research on explainability and interpretability of neural networks in the future with potential applications in the field of healthcare. What matters most to me is to work on impactful ideas that can be beneficial for our society.

✉ oliver.atanaszov@gmail.com

📞 +4917645621462

📍 Berlin, Germany

🌐 benoit8.github.io

EDUCATION

MSc Computational Neuroscience

Bernstein Center for Computational Neuroscience, TU Berlin

10/2016 – Present

Berlin, Germany

BSc Molecular Bionics Engineering

Pazmany Peter Catholic University, Faculty of Information Technology and Bionics

2012 – 2016

Budapest, Hungary

WORK EXPERIENCE

Data Science Student

SAP

01/2017 – Present

Berlin, Germany

Prototyping and delivering NLP models, working with large-scale datasets, developing internal Python solutions.

Student Researcher

Berlin Center for Advanced Neuroimaging

10/2018 – 01/2019

Berlin, Germany

Studied applicability of transfer learning to MRI data, aiming to alleviate the data hungry nature of Deep Learning methods.

Student Researcher

BrainSigns / Sapienza University of Rome

03/2018 – 05/2018

Rome, Italy

Compared traditional methods to decode workload from EEG in operational environment to end-to-end deep learning approaches. Showed that a well-designed convolutional neural network can learn to decode mental states efficiently without the need for feature engineering.

Bachelor Thesis Student

Institute of Experimental Medicine, Hungarian Academy of Sciences

02/2015 – 02/2016

Budapest, Hungary

Worked on thesis titled "Bayesian decoding of the activity of hippocampal place cells". Used Bayesian inference and a Hidden Markov Model to predict the rats location in a maze based on hippocampal place cell activity.

SKILLS

Python

LaTeX

Java

C++

SQL

git

Natural Language Processing

Deep Learning

Neuroscience

PyTorch

MISC

Organizer @ Deep Learning Berlin meetup

LANGUAGES

English



Hungarian



INTERESTS

Computational Neuroscience

Machine Learning

Natural Language Processing

Neuroimaging

Healthcare