Felix Körber

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https://github.com/felixkoerber

Male (he/his) Frankfurt, Germany

Profile

Wanting to understand the inner workings of consciousness and the brain, I realized the immense worth of computational resources. Since then I set out to gain knowledge about machine learning, neuroscience, and adjacent fields.
I hope my future contributions will positively impact science and, therefore, progress humanity.

Skills

IT-Skills (Python, R, Shell, Docker),
Machine Learning (Pytorch, Tensorflow,),
Data Mangagemnet (BIDS, fMRI, dMRI)

Interests

Computational Neuroscience (fMRI, statistics),
Artifical Intelligence (Deep Learning, VAEs, RNNs, GANs),
Intelligence and Reasoning, **Music**,
Open Science (FAIR data, Replicability)

Awards

Scholarship,
Studienstiftung des deutschen Volkes
Financial and non-material Support

Scholarship, *Claussen-Simon-Stiftung*
Financed studying during school

Languages

English ●●●●○

German ●●●●●

Spanish ●○○○○

Professional Experience

Research Assistant,
Fiebach Lab/ Goethe University
04/2021 – present
Instructor for Recurrent Neural Networks, Member of "Digital Teaching and Learning Lab, Computational Neuroscience

Student Assistant, *Centre for Psychotherapy - Children & Adolescents*
04/2021 – 10/2021
Administration and Managing of Patient Database

Digital Costumer Support,
Servodata GmbH for Studitemps
03/2020 – 07/2020
Support for a Digital Credit Card Service

Education

Bachelor of Psychology,
Goethe University Frankfurt
10/2020 – 07/2023
Thesis: "Multi-Domain Translation of Brain Imaging Techniques using VAEs"

A-Level, *Gymnasium Langenhagen*
08/2011 – 07/2019
Final Grade: 1.1 (GPA ≈ 4.0)

Projects

Cognitive & computational neuroscience, *an introduction to machine/deep learning and neuro-data-science*
Writing an interactive **Python-Tensorflow RNN-Tutorial** for the Master's Degree Course

Project DigiTeLL - Partnership "DiLER",
Digital Lab for Teaching Empirical Research Practices in Psychology and Neuroscience
Creating an **Integrated Framework** based on Jupyter Book for interactive Teaching