Arne Diehl
Student AI Cognitive Computing

PERSONAL DETAILS

Github	github.com/adiehl96
Birth	June 17, 1996
Address	Platolaan 176, 6525KC, Nijmegen
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Mail	a.diehl@student.ru.nl
Language	German, English, Dutch

TECHNICAL SKILLS

Programming

- Proficient in Python, SciPy, NumPy and Jupyter

- Substantial experience with Pytorch, MXNet and Tensorflow

- Some experience with Pandas, Hadoop, Scikit-Learn and C#

Other Skills

- Git, LaTeX, Beamer/PowerPoint, Excel, Word

EDUCATION

Radboud University `2015-2020`

Bachelor In Computing Science

Bachelor Thesis: Cognitive Psychology For Black Box Models

The topic of this thesis was about advancing explanatory AI by using methods from cognitive psychology on different neural network architectures.

EMPLOYMENT

Brain Inspired Computing Group at Radboud University `2020-2021`

Position: Research Assistant

Description: Advancing the knowledge about Intel's Loihi platform within the group. Researching efficient neuromorphic encoding of probabilities.

SRXP `2018-2019`

Position: Software Developer

Description: Updating and improving a large code base for a financial administration application written in JavaScript and PHP.

Fabriquartz `2017-2018`

Position: Software Developer

Description: Implementing new features using the Ember JavaScript framework for a rail traffic management application.