Personal Data

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Education

09/2019 – 06/2022	**University of Mannheim – Master in Culture and Economics (M.A.)** Focus on Analytical Philosophy, Design Thinking & Lean Software Development, Entrepreneurship
09/2020 – 03/2022	**MITx - MicroMasters in Statistics and Data Science** Probability Theory, Machine Learning with Python, Fundamentals of Statistics and Data Analysis in Social Sciences (Master/ Graduate Level studies)
03/2020 – 09/2020	**IMMUNE Technology Institute Madrid - Data Science Bootcamp** Programming and Frameworks for Machine Learning in Python & R Final Project: Fake News detection and generation (GPT2)
06/2020	**TensorFlow Developer Certificate** Demonstrated proficiency in using TensorFlow and Keras to solve deep learning and machine learning problems.
09/2015 -12/2018	**University of Mannheim – Business Administration (B. Sc.)** Bachelor Thesis: Adoption of Cloud Computing in Healthcare Services
09/2017 – 02/2018	**Athens University of Economics and Business – Semester Abroad (B.Sc.)** Focus on Entrepreneurship and Innovation Management
09/2007 - 06/2015	**Albert Schweitzer Geschwister Scholl Gymnasium Marl** Graduation: Allgemeine Hochschulreife (Equal to High School)

Projects

Machine Learning from Scratch	In this ongoing project I implement the most common Machine Learning Algorithms from Scratch in Python to get a deeper understanding of their inner workings and nifty details.
Sentiment Analysis of Movie Reviews	This project includes implementations of Hinge Loss, Perceptron and Pegasos algorithm from scratch. Stopword removal and bag of words are implemented to arrive at accurate sentiment predictions and the most predictive words.
Face Detection Frontend & Backend	This React App detects faces in pictures that the user provides through an URL. It features user authentication and keeps a simple user score. It is connected to a Backend that handles user requests and stores user information in a PostgreSQL database. - f-d-smart-brain.herokuapp.com/
RecoRetail	I worked on starting a company that improves the experience of bike buyers and retailers by creating an app that recommends bikes to potential buyers and integrates an easy appointment scheduling with retailers - recoretail.herokuapp.com/

Work Experience / Internships

02/2021 – 04/2021   **Omdena – Junior Machine Learning Engineer**
Collaboration with health tech startup "Humanity" and 50 ML Engineers.
The initial goal is to develop automated methods to compress high throughput
markers such as activity and other lifestyle action data from the user.
Ultimately the envisioned outcome is to develop weighted scoring algorithms
capable of predicting the effect of recommended actions on the user's rate of
aging.

07/2018 – 10/2018   **Porsche Consulting GmbH – Intern Financial Consulting**
Development of a digital workplace application for the digitalization of the
corporate customer branch of a major German bank. Conception of an agile
work environment and process optimization of the corporate communication
department of another big bank.

04/2018 – 06/2018   **Deep Value Advisors LLP – Intern Communications Consulting**
Sponsoring work and organization of a major alumni meeting for the
University of St. Gallen (HSG). Preparation of behavioral guidelines for
employees in case of critical incidents and general crisis communication.

07/2016 – 09/2016   **Horbach Wirtschaftsberatung GmbH – Intern Financial Consulting**
Customer canvassing, preparation and post-processing of customer discussions
and execution of market analyses. Further developments in skills related to
optimal customer support.

Extracurricular Activities

Since 10/2018   **Universität St. Gallen**
Voluntary support of the planning and realization of the 6th & 7th HSG Alumni
Germany Conference for 200-300 participants. Co-organization of a start-up
competition with 80 participating Start-ups.

Since 09/2015   **Corps Rheno-Nicaria zu Mannheim und Heidelberg**
Voluntary work as a mentor in a student association. Acquisition of first
leadership experiences in the role of a board member. Additional training of
presentation skills through numerous public speaking opportunities.

07/2015   **City of Marl - IYM (International Youth Meeting) in Creil**
Participation in an intercultural project which facilitated the cultural exchange
among 12 different countries.

10/2013 – 09/2015   **Intercent e.V.**
Voluntary social work as an integration companion. Organization and
execution of private tutoring and culture festivals for immigrants.

Further Developments / Seminars

06/2020 – 09/2020	Natural Language Processing (NLP)	– Coursera (deeplearning.ai)
06/2020 – 12/2020	Deep Learning Specialization	– Coursera (deeplearning.ai)
06/2020	Tensorflow Developer Certificate	– Tensorflow (Google)
04/2020 – 06/2020	TensorFlow in Practice Specialization	– Coursera (deeplearning.ai)
12/2019 – 03/2020	Machine Learning	– Stanford University (Andrew Ng)

Additional Qualifications

Technologies	Python	– Proficient
	JavaScript	– Proficient
	C	– Intermediate
	Tensorflow	– Intermediate
	Pytorch	– Beginner
	React.js	– Intermediate
	Node.js	– Intermediate
	PostgreSQL	– Beginner
	MongDB	– Beginner
	MS Office	– Proficient
Linguistic	German	– Native
Proficiency	Polish	– Native
	English	– Business Fluent (C2)
	Spanish	– Conversational (B2)
	French	– Conversational (B1)
Interests	Reading	– Classical literature and philosophy
	Music	– Playing the piano and guitar
	Fitness	– Calisthenics and healthy cooking