



PLAMEN PASLIEV

Data Scientist
Berlin, Germany

Looking for new opportunities starting from April 2020. Deeply enthusiastic about AI. Utilizing machine learning to make businesses more efficient and effective.

CONTACT

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SKILLS

| | |
|---|-------|
| Python (NumPy, Pandas, SciPy, Matplotlib, SK-learn, Torch, Keras, TF, etc.) | ●●●●○ |
| Machine Learning | ●●●●○ |
| Deep Learning | ●●●●○ |
| Data Analysis | ●●●●○ |
| Data Wrangling | ●●●●○ |
| SQL | ●●●●○ |
| Git and Version Control | ●●●●○ |
| Jupyter | ●●●●○ |
| Command line | ●●●●○ |
| Apache Airflow | ●●●○ |
| Java | ●●●○ |
| Probability/Statistics | ●●●●○ |
| Scientific Research | ●●●●○ |
| Entrepreneurship | ●●●●○ |
| Teamwork | ●●●●● |
| Communication | ●●●●● |
| Presentation | ●●●●● |
| Organization and Planning | ●●●●● |

LANGUAGES

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|-----------|-------|
| English | ●●●●● |
| Bulgarian | ●●●●● |
| German | ●○○○○ |

HOBIES

Reading, sports, meditation, mindfulness, self-help, travelling, video games. Active gym member for the past decade. Interested in the science behind nutrition and different training patterns.

WORK EXPERIENCE

Wayfair GmbH, Data Scientist (Part-time)

Berlin, Germany, June 2019 – March 2020

- **Predicting Customer Problems**
 - Aimed to minimize incoming customer calls by promoting personalized ["Help and Contact"](#) self-resolution pages.
 - Developed different gradient boosting and deep learning solutions with top-3 problem prediction accuracy of 90%.
 - Took responsibility for maintaining and updating current models deployed in production
 - Worked on collecting and processing data, data exploration, modelling, testing and pushing to production.
- **Resolution Optimization for Damaged/Defective Products**
 - Focused on optimizing low-cost resolutions.
 - Analyzed the relationship between resolutions and customer engagement
- **Neural Style Transfer for Furniture** (Internal hackathon)
 - Used Keras and TensorFlow to generate artificial pieces of furniture fitting an arbitrary home style.
 - Beat hundreds of engineers and reached the final eight.

Neurocat GmbH, Artificial Intelligence Intern (Part-time)

Berlin, Germany, Apr 2019 – May 2019

- Updated Aidkit: An AI analysis, optimization and debugging platform
- Involved in the research, implementation, testing and visualisation of explainability methods in computer vision.

Technical University of Eindhoven, Student Mentor (Part-time)

Eindhoven, Netherlands, Aug 2016 – Feb 2017

- Led multiple weekly meetings with twenty-four first year students.
- Taught them effective study skills and helped in practical matters.

EDUCATION

MSc in Data Science

EIT Digital Master School, Politecnico di Milano, Technische Universität Berlin
Sept 2017 – Feb 2020

- Double-degree master program combining technical education with innovation and entrepreneurship leading to two MSc degrees as well as the EIT certificate.
- Awarded with a merit-based scholarship including a tuition fee weaver and monthly allowances.

BSc in Computer Science and Software Engineering

Technical University of Eindhoven

Sept 2014 – July 2017

- Acquired knowledge about theory, algorithms, software development, system architecture, data structures and information systems. Took part in various software engineering projects.

PROJECTS

- **Training NNs with Manipulated Explanations** (Master thesis, TU Berlin)
 - Used PyTorch and trained models on a GPU cluster
 - Extended current research and showed how popular explanation methods can be manipulated critically.
- **ImmobilienScout listings**
 - Scraped over 3000 active listings from immobilienScout24.
 - Made an [interactive web page](#) to visualize properties
- **Data Science and Machine Learning Bootcamp** (Udemy course)
 - [Certificate of completion](#)
- **Machine Learning for Financial Data** (EIT Summer School)
 - Worked on a business idea for a platform predicting the influx of customers of SMEs using machine learning.
 - Awarded second place out of eight groups.