

Matteo Casolari

Berlin, Germany
✉ matteo.casolari94@gmail.com
🌐 www.matteocasolari.com
🌐 Matteo Casolari
🌐 Matteo Casolari



Experience

- Jun 2023 – Present **Senior Data Scientist**, *Oda*, Berlin, DE.
- Feb 2022 – Jun 2023 **Data Scientist**, *Oda*, Berlin, DE.
- Developed optimization service for product placement in boxes, resulting in reduced operational costs
 - Built Machine Learning model to predict box time in picking loop
 - Developed a solution to automate the release of boxes in the picking loop
 - Led data analysis projects for automation team
- Aug 2021 – Feb 2022 **Data Scientist**, *Moss*, Berlin, DE.
- Utilized NLP techniques for transaction and email classification, enhancing data-driven insights
 - Conducted time series analysis on organisation balances, contributing to financial trend understanding
- Jan 2020 – Jul 2021 **Associate Data Scientist**, *Delivery Hero*, Berlin, DE.
- Designed optimization solution for optimal delivery areas, enhancing efficiency and customer satisfaction
 - Created word embeddings for dish names
 - Developed Machine Learning algorithm for predicting optimal delivery fees
- Nov 2018 – Dec 2019 **Junior Machine Learning Engineer**, *iGenius AI*, Milan, IT.
- Developed NLP systems for text classification, sentiment analysis, and named entity recognition using machine learning and deep learning technologies
- Mar 2018 – Oct 2018 **Machine Learning Intern**, *Axyon AI SRL*, Modena, IT.
- Developed new approach to time series forecasting (stock market prediction), using Generative Adversarial Networks

Education

- Sep 2016 – Oct 2018 **Master Degree, Computer Engineering**, *Università degli Studi di Modena e Reggio Emilia*, Modena, IT, *110/110 with Honors*, GPA: 29.55/30.
- Sep 2013 – Oct 2016 **Bachelor Degree, Computer Engineering**, *Università degli Studi di Modena e Reggio Emilia*, Modena, IT, *110/110 with Honors*, GPA: 29.45/30.
- Sep 2008 – Jul 2013 **High School Diploma**, *ITIS E.Fermi*, Modena, IT, *100/100*.

Skills & abilities

- | | |
|----------------------|--|
| Programming | Python, SQL |
| Machine Learning | Scipy, Scikit-learn, Tensorflow, Keras |
| Data & Visualization | Pandas, Numpy, Matplotlib, Looker |
| Tools & Workflow | Git, Docker, Cloud (GCP, AWS), Airflow, Argo, DBT |
| Operating systems | Linux/Unix, Windows, macOS |
| Additional skills | NLP and machine learning algorithms, data analysis, optimization, programming, mathematics, statistics |
| Languages | Italian (Native), English (Fluent) |