

EDOARDO MANIERI

✉ edoardomanieri@gmail.com
🌐 <https://www.edoardomanieri.com>
☎ (+39)3349241984
in [linkedin.com/in/edoardomanieri](https://www.linkedin.com/in/edoardomanieri)
🐙 github.com/edoardomanieri

EMPLOYMENT

- iwoca** London
Backend Engineer Apr. 2021 to Current
- Implementing and maintaining REST API endpoints for the main website and for integration with external partners.
 - Implemented a webhook framework in order to send push notifications to partners, ensuring high security standard.
 - Tech stack: **Python, Django, Postgres, Celery, Datadog, AWS.**
- Lloyds Banking Group** London, UK
Data Engineer Sept. 2020 to Current
- Retrieving, processing and structuring data to improve the quality of the modeling phase.
 - Implementing and maintaining the **Hadoop** data infrastructure for mortgage data using **Spark, Python.**
- Goldman Sachs International** Warsaw, Poland
Software Engineer Intern (with return offer) July 2020 to Aug. 2020
- Designed and implemented a fully customizable rule engine to automate event handling using **Java, Spring** and **Kafka.**
- SmartFAB** Milan, Italy
Machine Learning Engineer (part-time) Sept. 2019 to Mar. 2020
- Developed an AI-based software aimed at performing automate analytics for the manufacturing industry.
 - Designed, implemented and evaluated machine learning pipelines in **Python** using a Test Driven Development approach.
- MindIT Solutions** Bologna, Italy
Machine Learning Intern July 2019 to Sept. 2019
- Evaluated and implemented different Deep Reinforcement Learning algorithms such as **A2C, A3C, DQN** on OpenAI Gym environments using **numpy, pandas, gym, Keras (Python).**
 - Implemented a Deep Reinforcement Learning model on a custom environment in order to optimize the work process of a manufacturing company.

EDUCATION

- Bocconi University, Milan (Italy)** Sept. 2018 to Dec. 2020
MSc Data Science
GPA: 3.93/4, Graduation Grade: 110 Cum Laude/110 (First Class Honours)
Selected as one of the five students from other Italian universities
- KU Leuven, Leuven (Belgium)** Feb. 2020 to July 2020
Exchange Program
- University of Bologna, Bologna (Italy)** Sept. 2015 to Oct. 2018
BSc Computer Science
GPA: 3.8/4, Graduation Grade: 110 Cum Laude/110 (First Class Honours)
Merit Scholarship Winner, ranking in the top 30 engineering students (2017)

SIDE PROJECTS

- BetterPass - Password Manager Web Application** (2021)
Implemented a full-stack password manager web application using **Django rest framework** and **React**. Deployed using **Google Cloud Platform**. Tech Stack: **Python, Javascript, MySQL, GCP.**
- Soccer Bet Bot** (2020)
Implemented a **Python** multithreaded application able to retrieve live soccer data using API, run a machine learning model, provide live outcome predictions on football matches and give notification using Telegram bot.
- Car Recognition App** (2019)
Implemented a **Python** application able to predict make and model of European cars from images. Reached 90% validation accuracy using state-of-the-art deep learning algorithms.

ADDITIONAL INFORMATION

- Among the few Italian students selected to be mentees for LeadTheFuture, a leading mentorship organization for talented students in STEM
- Co-founder student association Bocconi Student for Data Science
- Ranked 6th in a Data Challenge Hackathon competition with 200 participants from all over Italy (SUS5 2019)
- Different sports practiced (calisthenics, football, swimming)