



Emanuele Chioso

Computer Scientist

✉ emanuele.chioso@gmail.com ☎ +39 3407608808 📍 Schönhauser Allee 146, Berlin, Germany

in emanuelechioso 🌐 EmanueleChioso

Profile

Creative, energetic and curious Computer Science Engineer with experience in data analysis, able to pursue objectives on my own, very effective in a team and passionate for challenging problems.

Professional Experience

03/2022 – present
Berlin, Germany

Data and Software Engineer, Zalando [🔗](#)

Started in the Recommendations team, now part of DataBridge team, which aims to fill the gap between Data Engineering and ML.

- Trailblazer of AWS technologies for ML online performance monitoring, showcasing a POC internally in Zalando.
- Set up multiple AB test to run new ML models or new variants.
- Updated pipelines, secured GDPR compliance, deprecated redundant infrastructure for savings of more than 300k EUR.
- Handled CyberWeek preparations for Recommendations.
- Developed dataset creation, model training and data quality pipelines for personalized catalog ranking

Main technologies: Python, CI/CD, MLOps, Databricks, spark, Airflow, backend, recommendations

12/2020 – 02/2022
Milan, Italy

Data Engineer, Generali [🔗](#)

As Data Engineer for the Advanced Analytics hub in anti-fraud team for Generali organization, I've collaborated in a dynamic environment using agile methodology.

- Maintained ML business critical models in production, using CI/CD best practices and creating automatic monitoring checks.
- Refactored, migrated and cleaned ML pipelines without downtime.
- Deployed ML models on GCP using Docker, Jenkins, Gitlab and Kubernetes, in Python.

Main technologies: Big Data, Python, Spark, SQL, GCP, Data Quality

06/2019 – 11/2020
Milan, Italy

Junior Data Engineer, Mediaset

I've been a Data Engineer for the Data Platform team in the Italian largest mass media company, developing and maintaining the DataLake infrastructure.

- Built serverless applications to create/update tables and monitor the health condition of daily updates.
- Built spark workflows using AWS Glue and AWS EMR.
- Optimized and translated legacy SQL queries adapting them to newer languages like Hive and Presto.
- Managed company's DataLake AWS subaccount to preserve organization privacy policies and GDPR compliance

04/2019 – 06/2019
Milan, Italy

Assistant teacher, Polytechnic University of Milan

Assistant teacher at TechCamp2019@Polimi, where I've taught Python language to High school classrooms guiding them to build a game project on their own Python, Teamwork, Communication

Education

09/2012 – 04/2019
Milan, Italy

Bachelor's and Master's Degree in Computer Science and Engineering, Polytechnic University of Milan

Master Thesis: Eigenvalues as confidence estimators in item based Recommender Systems,
final degree mark: 100/110.

Languages

Italian



English



Awards

ACM RecSys Challenge 2018: 2nd and 4th places, Spotify & RecSys organization [↗](#)

I and my team achieved the 2nd Place competing in the ACM RecSys Challenge 2018 by Spotify, creative track. We also achieved the 4th place in the main track.

The team was formed by students from Politecnico di Milano, competing against academic teams and also teams from well-known companies. The creative track allowed data augmentation with open source resources.

Publications

Publication, Artist-driven layering and user's behavior impact on recommendations in a playlist continuation scenario,

Publication Proceedings of the ACM Recommender Systems Challenge 2018 Article No. 4 [↗](#)

Interests

Climbing, E-Sports, Yoga, Snowboarding, OnePiece (basically, i'm a sporty geek)