



## Riccardo Colella

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## Languages

|         |              |
|---------|--------------|
| Italian | Native       |
| English | Proficient   |
| German  | Intermediate |
| French  | Beginner     |

## Skills

|                 |         |
|-----------------|---------|
| Java, Python    | 3+ yrs  |
| OC, K8s, Docker | 2+ yrs. |
| ELK Stack       | 1+ yrs. |
| Terragrunt      | 1+ yrs. |
| Azure           | 1+ yrs. |

Always learning and being curious...

## Biography

I am a Computer Scientist and Engineer, graduated at PoliMI, KTH and EIT Digital. Passionate about writing high-quality code and willing to learn new things. I have interests in cybersecurity, in the financial industry, and into blockchains. I have been School President and I took part to many scientific competitions since high school. Thanks to these experiences I learnt to organize my own/my team work and to present the achieved results. I'm learning German.

## Work experience

### DevOps Engineer

05/2023 - Today

Brainloop AG - Munich, DE

- **Saved 12+ hr/mo** automatizing routines in *Python* and *sh* scripts.
- **Reduced data delay** in *ELK* from **2+ hours** to few seconds by identifying the bottlenecks and optimizing data processing.
- **Allowed log collection and readability** of 6 components.
- **Responsibility** to keep services available.
- Maintenance of the *K8s* platform and application.

### Software Engineer

10/2021 - 05-2023

Amadeus - Munich, DE

- Set up **monitoring and alerting** for different middlewares, using *Prometheus*, *Argos* and *Splunk*.
- Responsible for the **Secret Management** internal solution, I've updated and restructured it and its **CI/CD** pipeline.
- Developed the automation for deployment of an internal application, allowing **e2e automated deployment** to new clusters, using ArgoCD.

### Data scientist

01/2021 - 06/2022

Telenor - Stockholm, SE

- Developed a TT res time estimation model able achieve a **RMSE of 60 minutes** by studying deeply the company's procedures and using ML regressors.

## Other Projects

### Data Intensive Computing - Spark, Scala, Kafka

09/2020 - 11/2020

Impl. of a cc fraud detection system with scalable pipeline.

### DNALogue - NodeJS, Vue.js

03/2020 - 06/2020

Impl. of a multipurpose web chatbot able to exploit APIs for genetic research. Use of a Wizard of Oz design.

### GEA++ - C#

10/2019 - 02/2020

Development of a game for teaching how to eat healthy to children with cognitive disabilities. The game has been deployed in specific smart spaces that allow multimodal interaction.

### Recommender System - Python

10/2019 - 01/2020

Impl. of a RecSys for an online market in a Kaggle challenge.

### Adrenaline - Java

03/2019 - 07/2019

Impl. of the board game Adrenaline by Cranio Creations. Received greetings for the very sapient design of the solution.

## Education

### Computer Science & Engineering

10/2019 - 07/2021

Double Degree - Master of Science | PoliMI & KTH & EIT

### Smart Cities - Secure e-Governance

08/2020

Summer School | TalTECH

### Computer Science

10/2016 - 07/2019

Bachelor of Science | PoliMI