








Jacopo Gobbi

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🌐 Nationality: Italian
🎓 Master's in Computer Science - Data Science
🗣 Languages: *Italian, English*
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EDUCATION & WORK

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|----------------------------|--|---|
| Current | Founding Back-end Engineer ORCHEST · The Netherlands 📍 Design and development of core features of the open source product and the managed cloud offering platform. PaaS aimed at data scientists, data and machine learning engineers. Remote working with weekly office syncs. |  |
| 2020-2020 (May-October) | Software Engineer AND PRODUCTS BV (NOW GEOJUNCTION) · The Netherlands 📍 DB and SW architecture design. Data ingestion and normalization, from scraping or external APIs. PostGIS and spatial analysis software. Customer facing APIs. |  |
| 2017-2019 | Master's in Computer Science - Data Science UNIVERSITÀ DEGLI STUDI DI TRENTO · Italy 📍 Graduated with honours. |  |
| 2014-2017 | Bachelor's in Computer Science UNIVERSITÀ DEGLI STUDI DI TRENTO · Italy 📍 Graduated with honours. |  |
| 2011-2014 | Computer maintenance SELF EMPLOYED · Trentino, Italy 📍 | |
| 2010-2011 | Economics and Management UNIVERSITÀ DEGLI STUDI DI TRENTO · Italy 📍 |  |

MY SKILLS & TOOLS

General purpose: **Git**, **CI/CD with Github actions**, **Docker**, some **AWS**, tiny bit of **Terraform** and **Kubernetes**.
Languages: **python** (open source, work), **C#** (Unity), **C**, **Java** (past).
Databases: **SQL** is a given, I like **PostgreSQL**. **NoSQL** databases as needed.
Other: **machine learning**, **deep learning**, **web-scraping**, **Celery**, **Redis**, **Django**, **Flask**.

PUBLICATIONS

- 2020** *Efficient Generation of Structured Objects with Constrained Adversarial Networks*, Luca Di Liello, Pierfrancesco Ardino, Jacopo Gobbi, Paolo Moret-tin, Stefano Teso, and Andrea Passerini. In *Advances in Neural Information Processing Systems (NeurIPS 2020)*.
- 2018** *Concept Tagging for Natural Language Understanding: Two Decadelong Algorithm Development*, Jacopo Gobbi, Evgeny Stepanov, Giuseppe Riccardi, CLIC-IT 2018, <https://arxiv.org/abs/1807.10661>.
Presented at CLIC-IT 2018, **Fifth Italian Conference on Computational Linguistics**, Torino, December 10-12, 2018.

SOME OF MY PROJECTS

- pyspark, pandas** *Data quality metrics in a distributed or centralized fashion.*
- redis, mongodb, scrapy, django, sentiment analysis** *Scrape, organize and present job offers and companies. Dockerized and good to go.*
More on my *GitHub*.

CERTIFICATIONS

- Software Engineering 101: Plan and Execute Better Software** [verify](#)
- Docker Mastery: with Kubernetes + Swarm & Captain's Certificates** [verify](#)
- Neural Networks and Deep Learning** [verify](#)
- Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization** [verify](#)
- Structuring Machine Learning Projects** [verify](#)
More on my *LinkedIn*.

ABOUT ME

I can work and be at ease with basically anybody, I've got friends from pretty much everywhere.
I am used to communicating and presenting results or ideas, I have collaborated with a couple of research labs during my master.
I am an independent, self-organizing person, able to carry out tasks with little to no starting knowledge on a particular subject. I believe that the real goal of a software engineer is being a **problem solver**.
I like reading and cooking.