Jacopo Gobbi

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- Nationality: Italian
- Master's in Computer Science - Data Science
- Languages: *Italian*, *English* C1
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EDUCATION & WORK

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 I attended for about one year before leaving, I was not interested in the subject.

MY SKILLS

I am a proficient programmer and I can learn new tools and frameworks quickly.

I know my way around the development pipeline, versioning software such as **git**, etc.

I like to keep my developing environment containerized using **Docker**.

As for programming languages, I currently write mostly in **Python**, **Java** and **C#**, although I could be back at being proficient with C and C++ in short time.

SQL, and databases in general, are a given. I am flexible in picking up what is needed for the right situation, such as **NoSQL** databases.

I have experience using **machine learning** and deep learning frameworks, such as **Scikit-learn**, **PyTorch** and **Tensorflow**, given by the fact that I tend to gravitate towards machine learning related subjects.

My master thesis focused on using additional penalty terms to improve the training of generative adversarial networks in the context of discrete data characterized by constraints among its variables.

CERTIFICATIONS

Using Open Source Tools to Create an Enterprise GIS	verify
GIS: Understand the Theory and Practice GIS in QGIS	verify
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
English First Certificate	

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*.

PUBLICATIONS

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.

ABOUT ME

During both my academic and non-academic life I had friends coming from different backgrounds and nationalities. I can work and be at ease with basically anybody.

I have collaborated with the **Signals and Interactive Systems Lab of the University of Trento**, and I am used to communicating and presenting results or ideas.

I am good at self-organizing and I am used to carrying out projects on my own, even with no initial knowledge on the specific subject.

I was usually in charge of organizing and coordinating work in group projects during my studies.