







# Jacopo Gobbi

📍 Rotterdam, South Holland, the Netherlands  
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🌐 Nationality: Italian  
🎓 Master's in Computer Science - Data Science  
🗣 Languages: *Italian, English* C1  
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## EDUCATION & WORK

Current	<b>Software Engineer</b> AND PRODUCTS BV · Rotterdam, The Netherlands 📍	
2017–2019	<b>Master's in Computer Science - Data Science</b> UNIVERSITÀ DEGLI STUDI DI TRENTO · Italy 📍 Graduated with honours.	
2014–2017	<b>Bachelor's in Computer Science</b> UNIVERSITÀ DEGLI STUDI DI TRENTO · Italy 📍 Graduated with honours.	
2011–2014	<b>Computer maintenance</b> SELF EMPLOYED · Trentino, Italy 📍	
2010–2011	<b>Economics and Management</b> 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 development environment containerized using **Docker**.

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

I have been doing **web-scraping** both for personal and work related projects.

## CERTIFICATIONS

<b>Using Open Source Tools to Create an Enterprise GIS</b>	verify
<b>GIS: Understand the Theory and Practice GIS in QGIS</b>	verify
<b>Software Engineering 101: Plan and Execute Better Software</b>	verify
<b>Docker Mastery: with Kubernetes + Swarm &amp; Captain's Certificates</b>	verify
<b>Neural Networks and Deep Learning</b>	verify
<b>Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization</b>	verify
<b>Structuring Machine Learning Projects</b>	verify
<b>English First Certificate</b>	

## SOME OF MY PROJECTS

<b>pyspark, pandas</b>	<i>Data quality metrics in a distributed or centralized fashion.</i>
<b>redis, mongodb, scrapy, django, sentiment analysis</b>	<i>Scrape, organize and present job offers and companies. Dockerized and good to go.</i>
More on my <i>github</i> .	

## PUBLICATIONS

<b>2018</b>	<i>Concept Tagging for Natural Language Understanding: Two Decadelong Algorithm Development</i> , Jacopo Gobbi, Evgeny Stepanov, Giuseppe Riccardi, CLIC-IT 2018, <a href="https://arxiv.org/abs/1807.10661">https://arxiv.org/abs/1807.10661</a> . Presented at CLIC-IT 2018, <b>Fifth Italian Conference on Computational Linguistics</b> , Torino, December 10-12, 2018.
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## 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 carrying out projects on my own, even with no initial knowledge on the specific subject.

In my free time I enjoy programming toy projects to learn new things.