

PERSONAL INFORMATION

Jacopo Gobbi



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 <https://github.com/fruttasecca>

 Skype live:b336ffcbad76cc22

Sex Male | Date of birth 14/04/1991 | Nationality Italian

WORK EXPERIENCE

Some experience in maintaining computers, both at the software and hardware level, after having attended some classes in Economics and before enrolling in Computer Science.

EDUCATION AND TRAINING

02/09/2010–2011

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

19/08/2014–17/07/2017

Undergraduate Degree in Computer Science, with honours

Università degli studi di Trento, Trento (Italy)

07/08/2017–23/10/2019

Master Degree in Computer Science, with honours

Università degli Studi di Trento, Trento (Italy)

PERSONAL SKILLS

Mother tongue(s)

Italian

Foreign language(s)

| | UNDERSTANDING | | SPEAKING | | WRITING |
|---------------------------------|---------------|---------|--------------------|-------------------|---------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| English | C1 | C1 | B2 | C1 | C2 |
| B2 First Certificate in English | | | | | |

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

During both my academic and non-academic life I have been cooperating and had friends coming from different backgrounds, ethnicities 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.

Organisational / managerial skills

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. During my studies, when doing group projects, I was usually in charge of organizing and coordinating work.

Job-related skills

I am a proficient programmer and I can learn new tools and frameworks quickly, I am used to Agile development, and know my way around the development pipeline, versioning software such as git,

etc.

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, and I am flexible in picking up what is needed.

I am the co-author of a (small) python library, hay checker, for computing data quality metrics in a distributed (spark) or centralized fashion, which you can find on pip.

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

I know how to use LaTeX and have experience in writing academic papers.

I like to test ideas related to training neural networks, and I try to keep myself informed about the state of the art. Besides classical neural networks, I have experience in using generative adversarial models and reinforcement learning.

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.

I have practiced with containerization, Docker, Redis and MongoDB due to personal projects, some of which can be found on github.

Digital skills

| SELF-ASSESSMENT | | | | |
|------------------------|-----------------|------------------|-----------------|-----------------|
| Information processing | Communication | Content creation | Safety | Problem-solving |
| Proficient user | Proficient user | Proficient user | Proficient user | Proficient user |

Digital skills - Self-assessment grid

Driving licence B

ADDITIONAL INFORMATION

Honours and awards

Honours in Undergraduate Degree in Computer Science
Honours in Master Degree in Computer Science

Publications

Publication: 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>,

Conferences

CLIC-IT 2018, Fifth Italian Conference on Computational Linguistics, Torino, December 10-12, 2018
<http://clit2018.di.unito.it/it/home/>

Certifications

Neural Networks and Deep Learning
Verify at coursera.org/verify/PA8K49ZF9PVJ

Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization
Verify at coursera.org/verify/XM4ZXMNSTQ2E

Structuring Machine Learning Projects
Verify at coursera.org/verify/F7XBPQD2FN7H

Docker Mastery: with Kubernetes +Swarm
Verify at udemy.com/certificate/UC-B1547PX0/