Simone Maria Giancola *BS student*

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🪪 About me

Hardworking and motivated student, with a proficient academic record. Willing to broaden his personal knowledge towards Data Science, especially for **healthcare.**

🎓 Education

MS in Data Science, *Bocconi University*
08/2021 – present
Graduate degree, heavy focus on Mathematics, Statistics and Computer Science.

BS in Economics, Management and Computer Science, *Bocconi University*
08/2018 – 07/2021
The degree provides a Computer Science, Mathematics and Statistics background for Data Science and Machine Learning.
Weighed average: **29.19/30** (GPA: 3.89/4).
Thesis: "Value of Information in a Support Vector Machine, an exploration".

Associations*: Bocconi Healthcare Hub, Bocconi students for Data Science*

Exchange Semester, *Arizona State University*
01/2021 – 05/2021 | Tempe, USA
Selection by GPA.
Graduate-level: **Quantum Computation**; Modeling with Game Theory
Undergraduate level: Programming for Engineers; Intro to Information Systems.
GPA: **4.17/4.00**

Associations: *Google Developer student Club ASU, Sun Devil Data Science*

🧠 Technical Skills and Languages

Python   ●●●●●
Sklearn, Numpy, Matplolib. Projects inside and outside of university duty.

R, SQL, Matlab, C, C++   ●●●●○
Extensive Academic experience

Languages Spoken   ●●●●●
English: IELTS (8.0/9.0), Duolingo (140/160), proficient, all degrees in English.
Italian, mother tongue. Spanish, basic communication

💼 Professional Experience

Bocconi University, *Research Assistant (thesis)*
01/2021 – 06/2021
Part - time **research** with Professor Borgonovo Emanuele to write a **thesis** on SVM and Value of Information. Weekly calls, programming, discussion and reading.

Barclays, *Technology Analyst, Summer Internship*
07/2020 – 08/2020 | Radbroke, UK
- Team: **Application performance monitoring** for different interactive voice response (IVR) technologies
- Training on the job and working sessions tools used by the team, work shadowing, meetings with seniors, personal development activities
- Projects delivered: tools documentation, internal charity fundraising

Barclays, *Spring Technology Internship*
04/2019 – 04/2019 | Radbroke, UK
- Five days into Barclays Technology headquarters, followed by expert members
- Focus on: work shadowing, meetings with seniors, and activities on personal development

🗂 Projects, Github @simonegiancola09

Heartbeat classification and Disease detection,
Python ⧉
2020
Data preparation and analysis, random forest classifier. With a single heartbeat the condition is identified with around 90% accuracy.

COVID-19 Analysis, *Python, co-authored* ⧉
2020
Visualization and prediction with Italian data. Curve fitting to estimate a low-boundary time-to-extinction of the pandemic.

🏵 Awards

Thanksgiving parchment,
Municipality of San Donato Milanese
2020
Given to young volunteers during the pandemic.

⚄ Interests

Sports (link is Rugby album) ⎘
Currently playing rugby for 5 years at regional agonistic level. In the past practiced judo, soccer and aikido.

Watches
Aspiring collector, currently only a passionate fan.

Music
more than 64000 minutes listened on Spotify in 2020

⚇ Associations and Organizations

AVIS (Italian Association for blood donors), *Blood donor*   2017 – present

Red Cross, *Temporary Volunteer*   2020
Both during and post lockdown, for two months. Activities included: distribution of food   San Donato Milanese,
to people in need, fever measurements at the entrance of stores and offices, collection   Italy
of food supplies.

Municipality of San Donato Milanese, *Temporary Volunteer*   2020
Group volunteering for the municipality of my home town during the pandemic.   San Donato Milanese,
Activities included: facemasks distribution for residents of San Donato (>30000 people)   Italy
and weekly services for the elderly (grocery shopping, laundry).

Rugby Metanopoli ASD, *Assistant Coach at juniors' leagues*   2016 – 2017

Comprehensive Institute "Tommaso Grossi", *Assistant Teacher*   02/2015
Elementary School. Supported students with learning difficulties (mostly language-   Milan, Italy
related).

✍ Privacy

I authorize the treatment of my personal data according to the local law