Simone Maria Giancola
MS 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 – 07/2023
Degree Program focusing on Statistics, Mathematics and the latest advancements in 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: **29.18/30** (GPA: 3.88/4).
Thesis: "Value of Information in a Support Vector Machine, an exploration". ↗ (advisor Prof. Borgonovo Emanuele)
Part - time research to write a thesis on SVM and Value of Information. Weekly calls, programming, discussion and reading, 6 months
Final Grade: 110 Cum Laude/ 110

Extra Curricular*: Bocconi Healthcare Hub, Bocconi students for Data Science*

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

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

🗂 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.

📜 Certificates

Deep Learning ↗
Deeplearning.AI & Stanford

AI for Medicine ↗
Deeplearning.AI

💼 Professional Experience

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

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

🧠 Technical Skills and Languages

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

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

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

👥 Extra Curricular Activities

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 to people in need, fever measurements at the entrance of stores and offices,
collection of food supplies.

Municipality of San Donato Milanese, *Temporary Volunteer*   2020
Group volunteering for the municipality of my home town during the pandemic.
Activities included: facemasks distribution for residents of San Donato (>30000
people) 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-
related).

🎖 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)*

✍ Privacy

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