

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.

Weighted average: **29.18/30** (GPA: 3.88/4).

Thesis: "Value of Information in a Support Vector Machine, an exploration".

Final Grade: 110 Cum Laude/ 110 (maximum)

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, Matplotlib. 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.

Associations and Organizations

AVIS (Italian Association for blood donors),

Blood donor

2017 – present

Red Cross, Temporary Volunteer

2020 | San Donato Milanese, Italy

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 | San Donato Milanese, Italy

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 | Milan, Italy

Elementary School. Supported students with learning difficulties (mostly language-related).

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

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

Certificates

Deep Learning

Deeplearning.AI

AI for Medicine

Deeplearning.AI

Awards

Thanksgiving parchment,

Municipality of San Donato Milanese

2020

Given to young volunteers during the pandemic.