

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. Data Science track.

BS in Economics, Management and Computer Science, Bocconi University

08/2018 – 07/2021

Taught in **English**.

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

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Sklearn, Numpy, Matplotlib. Projects inside and outside of university duty.

R, SQL, Matlab, C, C++

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Academic

Languages Spoken

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

Professional Experience

Bocconi University, Research Assistant (thesis)

01/2021 – 06/2021

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

San Donato Milanese,
Italy

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).

San Donato Milanese,
Italy

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).

Milan, Italy

Privacy

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