

# Simone Maria Giancola *BS student*

✉ simonegiancola09@gmail.com

in LinkedIn

Github

+393314788683

🖱 Personal Website

## 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.