

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.

Weighted 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 (IVR) technologies

Radbroke, UK

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

Technical Skills and Languages

Python

Proficient. Keras, Tensorflow, Sklearn, Numpy, Matplotlib, Scipy. 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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