

Simone Maria Giancola

(+39) 3314788683 | Milan, Italy | LinkedIn <https://www.linkedin.com/in/simonemariagiancola/>
simonegiancola@gmail.com | Personal Webpage simonegiancola09.github.io

EDUCATION

Bocconi University

Milan, ITA

MS Data Science

August 2021 – July 2023

- Modules include: Advanced Machine Learning, Optimization, Stochastic Processes

Arizona State University

Phoenix, USA

Undergraduate Exchange Program

January 2021 - May 2021

- GPA 4.17 / 4.00, 4 classes
- Graduate level modules: Quantum Computation, Modeling with Game Theory

Bocconi University

Milan, ITA

BS Economics, Management and Computer Science

August 2018 - July 2021

- Grade 110 Cum Laude / 110, final GPA 29.18 / 30
- Thesis: “Value of Information in a Support Vector Machine, an exploration”
- Modules include: Advanced Statistical Methods, Applied Mathematics, Machine Learning

EXPERIENCE

Research Assistant

January 2021 - May 2021

Bocconi University, advisor: Professor Borgonovo E.

Milan, ITA

- Conducted research on extraction of a Value of Information measure from a SVM algorithm
- Experienced: programming, academic research, paper reading, thesis writing (on personal webpage)

Technology Analyst

July 2020 - August 2020

Barclays Bank PLC

Radbrooke, UK

- Assigned to Application Performance Monitoring team, delivered documentation on main tools.
- Raised > 1000 GBP in an internal charity fundraising for the NHS

MACHINE LEARNING PROJECTS

Heartbeat Classification and Disease Detection

September 2020

- Classified patients using a Random Forest after analysis and exploration
- Identified condition with 90% accuracy from a single heartbeat

COVID-19 Analysis | co-authored

April 2020

- Visualization and prediction with Italian data
- Estimated low boundary time to extinction of the pandemic with curve fitting

TECHNICAL SKILLS

Advanced Python: Keras, Tensorflow, Sklearn, Numpy, Matplotlib, Scipy;

Certifications Deep Learning and AI for Medicine by DeepLearning.AI;

Intermediate Latex, R, SQL, Matlab, C++

LANGUAGES

English (Advanced) IELTS 8.0

Italian (mother tongue); Spanish (Basic)

PROFILE & INTERESTS

Passionate about applying Machine Learning to create real world solutions. Result driven, detail oriented, and able to apply theoretical knowledge to solve real world problems. Fast learner, moved by curiosity. Good team player, whilst able to work independently and take up responsibility. In my spare time I enjoy playing Rugby - which I practiced at a regional competitive level for four years.