

Matteo BUNINO



07/17/1997 RIVOLI (TO) ITALY

Nationality: Italian

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EDUCATION

09/01/2019 - up to present * **Master's Degree in Data Science And Engineering**

Politecnico di Torino

average mark 29.4 - Credits 53 %

08/22/2016 - 07/26/2019 * **Bachelor's Degree in Computer Engineering**

Politecnico di Torino

Final grade 108/110

2016 **high school diploma MATURITA' DI LICEO SCIENTIFICO TECNOLOGICO**

Final grade 95/100

INTERNATIONAL EXPERIENCE

09/14/2020 - 03/01/2022 * **E+/EU PROGRAMME COUNTRIES**

INSTITUT EURECOM - SOPHIA-ANTIPOLIS - FRANCE

07/30/2019 - 08/09/2019 **BEST EU**

Uppsala University - Uppsala - SWEDEN

Synthetic biology is a branch of biotechnology that aims at understanding how a set of DNA genes works, with the ultimate goal of exploiting them in many applications. For instance, we may try to optimize the effectiveness of some proteins (e.g. the photosynthesis enzyme Rubisco), produce cutting edge personalized drugs (monoclonal antibodies)... In this experience I got to learn a lot from a field of my expertise, which included mainly team based activities carried out both in class and in lab.

PROFESSIONAL EXPERIENCE

03/25/2019 - 06/10/2019 **Data analyst**

Reply s.p.a. - Turin - ITALY

I did an internship in an Italian consulting company called Technology Reply where I worked in a development team.

During my internship I learned the Knowledge Data Discovery process and the steps of Data Understanding, Data Preparation, Modelling and training of one or more classification algorithms.

The main goal of the internship was developing the Proof of Concept of a classification process applied on the textual content of bank transactions. The aim was to add semantic information to users transactions, to empower further steps of profiling and product recommendation.

Furthermore, I had the opportunity of working in the Reply strongly dynamic and innovative environment that taught me relational and team building skills.

Internship

LANGUAGE SKILLS

Mother tongue Italian

Other languages

English *

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	C1	C1	C1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user

[Common European Framework of Reference for Languages](#)

Language certificates

2021 Français A2

COMPUTER SKILLS

OPERATING SYSTEM OS UNIX/Linux: system calls, processes/threads for concurrent programming. Basic security vulnerabilities.
good level

PROGRAMMING LANGUAGE/CODE C, Java, R, Python, Bash, Matlab, PHP.
good level

PROGRAMS/SOFTWARE Apache Hadoop and Spark, MongoDB
good level

DATABASES SQL, Extended SQL
good level

SPREADSHEET Excel, Calc

OTHER CSS3, HTML5, Javascript

OTHER INFORMATION

Driving license, own car

Available to travel on business in Italy, abroad

Available to relocate abroad

EXAMS *

Master's Degree in Data Science And Engineering

conference date	Exam	Credits	Final grade
01/27/2020	Data science lab: process and methods	8	30 cum laude
01/30/2020	Numerical optimization for large scale problems and Stochastic Optimization	8	30
02/14/2020	Data management and visualization	8	30
02/17/2020	Statistical methods in data science	8	30
06/25/2020	Machine learning and Deep learning	10	30
06/27/2020	Distributed architectures for big data processing and analytics	8	29
07/14/2020	Data Ethics and Protection	6	25

07/17/2020	Mathematics in Machine Learning	8	30 cum laude
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Bachelor's Degree in Computer Engineering

conference date	Exam	Credits	Final grade
01/30/2017	Mathematical analysis I	10	23
02/03/2017	Computer science	8	28
02/20/2017	Chemistry	8	27
06/26/2017	Linear Algebra and Geometry	10	27
06/30/2017	Entrepreneurship and Innovation	6	30
07/20/2017	Physics I	10	28
02/06/2018	Mathematical analysis II	8	24
02/13/2018	Algorithms and Programming	12	24
06/25/2018	Mathematical methods for engineers	10	30 cum laude
06/29/2018	Object-oriented programming	8	25
07/02/2018	Database	8	30 cum laude
07/04/2018	Computer systems	8	30
09/05/2018	Physics II	6	26
09/17/2018	Electrical circuits and Network Analysis	8	30
12/01/2018	English Language 1st level	3	passed
01/28/2019	Signal theory and Signal processing	8	25
02/01/2019	Operating systems	6	30
02/15/2019	Electronic systems, technologies and measurements	10	30 cum laude
02/25/2019	Final essay	1	30
02/25/2019	Computer networks	8	30
06/12/2019	Professional Training	10	passed
06/28/2019	Applied Electronics	8	30
07/04/2019	Automatic control	10	30 cum laude

* Fields marked with an * are certified by Politecnico di Torino, while the potential thesis description is added by the candidate.