

PERSONAL INFORMATION

Edoardo Maria Tronci

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Gender Male | **Date of birth** 30 June 1994 | **Nationality** Italian

PERSONAL PROFILE

A very hardworking Management Engineer who is motivated and mostly has always been ambitious of making a difference for others.

WORK EXPERIENCE

June 2018 – October 2018

Junior Consulting

Consel - ELIS Consortium
81, Sandro Sandri rd, Rome (Italy)

Predictive analysis on traffic overload of delivery nodes in content delivery networks using Machine Learning techniques

Business or sector Consulting

November 2016 – December 2016

University Traineeship

EBEC - European BEST Engineering Competition Project
18, Eudossiana rd, Rome (Italy)

Participating to the Annual European BEST Engineering Competition Project.

- Team design: building a small hydroelectric power plant prototype
- Case study: Projecting an energy system for a City Off-Grid

Business or sector University institution

August 2016 – September 2016

University Traineeship

LiU Linköping University, Linköping, (Sweden)

Research activities on Life Cycle Costing and Forecasting for Bachelor Thesis

Business or sector University institution

March 2013

High School Traineeship

International Model United Nations Association (IMUNA), St. Louis, (USA)

Participating to the 39th Annual National High School Model United Nations Conference into the United Nations Headquarters (New York, USA): drafting and presenting a Paper on Carbon FootPrint of offshore oil platforms

Business or sector Italian Model United Nations (IMUN) Programme part of the Model United Nations (MUN) 2013

EDUCATION AND TRAINING

2018–Present

PhD of Operations Research

University of Rome "La Sapienza", Rome Italy

2016–2018

Master of Management Engineering - Thesis Title: "Optimization Methods for Machine Learning to predict Traffic Overload of Delivery Nodes in Content Delivery Networks"

University of Rome "La Sapienza", Rome Italy

Level: 110/110 cum laude (I), 1st (GB), 1.1 (D)

- Operations and Supply Chain Management
- Modeling
- Combinatorial Optimization 2
- Optimization methods for Machine learnings
- Probabilistic models for finance
- Corporate Finance
- International Financial Markets

February 2018–June 2018 **Erasmus+**

University of Namur, Namur Belgium

2013–2016 **Bachelor of Management Engineering - Thesis Title: "Product improvement through Life Cycle Cost Analysis"**

University of Rome "La Sapienza", Rome Italy

Level: 98/110 (I), 2:2 (GB), 1.7 (D)

- Informatics
- Data Bases
- Operation Research
- Combinatorial Optimization
- Statistics and Probability
- Micro and Macroeconomics
- Manufacturing Engineering
- Industrial Systems Engineering
- Business Organization

2008–2013 **High School Diploma in Classical Studies**

Augusto" High School, Rome Italy

Level: 78/100 (I), 2.4 (D)

PERSONAL SKILLS

Mother tongue Italian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user – B1 and B2: Independent user – C1 and C2: Proficient user
[Common European Framework of Reference for Languages](#)

Language certification – British Center B2
 – IELTS B2

Soft Skills – Teamwork
 – Positive attitude
 – Problem Solving

Technical Skills – Big Data Analysis (Big Data, Data Mining, Modeling, Machine Learning, Statistics)
 – Coding and Implementation
 – Project Management (Engineering, Project Planning, Scheduling)

Computer skills – Office Suite: Word, Excel, Power Point, Latex
 – Programming Languages: AMPL, MySQL, Python, R, Spark

- Projects**
- Business Plan of a Vertical Greenhouse Production for the Business Management Course (2015)
 - Marketing Plan for the Marketing and Innovation Management Course (2016)
 - Working Project based on some Machine learning techniques applied to credit scoring analysis (2017)
 - Working Projects based on some optimization methods for Machine learning (2017-2018)

Driving licence B

Note Availability for Business trips

Publications *How to do Observations: Borrowing techniques from the Social Sciences to help Participants do Observations in Simulation Exercises*, Coyote EU/CoE Partnership Publication, (2002).