

Curriculum vitae

PERSONAL INFORMATION

Jacopo Pierotti

📍 Via G. Carducci, 4, 24049 Verdello (BG) (Italy)

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✉️ jacopo.pierotti@gmail.com

Sex Male | Date of birth 26 Apr 1993 | Nationality Italian

PERSONAL STATEMENT

PhD candidate at TU Delft.
supervisors Prof. dr. ir. Karen Aardal, Prof. dr. Theresia van Essen

WORK EXPERIENCE

Jun 2011–Oct 2011

Leather Craftsman Worker

Syria di Rovaris Oreste & Co S.N.C., Verdello (BG) (Italy)

intoduction to the work environment during summer holidays

Tutor

-Private Lectures and Tutoring activities

1 Mar 2017–21 Dec 2017

Researcher

GERAD (Group For Research In Decision Analysis), Montréal (Canada)

Field: Operational Research. Developing exact algorithms for the "last mile problem". In particular, I created and implemented algorithms to solve the Electrical Vehicle Routing Problem with Hard Time Windows and Heterogeneous Recharging Station.

Jan 2018–Present

PhD candidate at TU Delft

TU Delft, Delft (Netherlands)

PhD candidate at TU Delft.

Research topic: Drive into the future, the use of shared automated vehicles.

Supervised by Prof. Theresia van Essen

Co-supervised by Prof. Karen Aardal

EDUCATION AND TRAINING

1 Oct 2015–3 Oct 2017

M.Sc in Automation and Control Engineering

EQF level 7

Politecnico di Milano, Milan (Italy)

Graduated with maximum grade: 110/110

Adavanced technical skills in the following:

-Operational Research

-Control systems (Adaptive Control, Optimal Control, Lyapunov's theory,..)

-System's Theory

-Model Identification and Data Analysis

-Production System Control

1 Oct 2012–24 Jul 2015

Bachelor's degree in Automation and Control Engineering

EQF level 6

Politecnico di Milano, Milan (Italy)

Final Degree 107/110

Acquired technical skills in the following:

-Control systems (Basic and Advanced)

-Mathematical Science, Statistic, Operational Research, physics

-Mechatronic Systems, Electronics, Electrotechnics, Power electronic, Electrical Machines

PERSONAL SKILLS

Mother tongue(s) Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Toefl iBt - 90					
Dutch	A2	A2	A2	A2	A2
French	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills good contact skills gained through my experience as volunteer in a recreation center for down people since October 2012

Organisational / managerial skills - good organisational and charismatic leading skills gained through my tutoring activities
- LNMB (<http://www.lnmb.nl/>) PhD representative for 2019. First not Dutch PhD representative.
- active member of the EEMCS PhD Council since 2018.
- capable of sharing and accepting responsibilities with members of a team, good adaptation skill.

Digital skills - advanced academic command in MatLab, Python, SIMULINK, Amplide, OpenModelica, LaTeX, Word, Excel, Power Point, Pages, Keynote, Numbers.
-good academic command in: LabView, C, SciLab, vMaxima, CATIA

Other skills -Agonistic Horse-riding License at Centro Ippico Adda Nord, via Crespi 7 Brembate (BG)
-volunteer in a recreation center for down people at via Beltramelli c/o oratorio di Sabbio since October 2012.
-MMA fighter (Pancrazio) at Accademia360, Via Borgo Palazzo, Bergamo BG.

Driving licence AM, B

ADDITIONAL INFORMATION

Honours and awards "Borsa di studio PreLaurea Roberto Rocca 2016" scholarship winner.
"Borsa di studio PreLaurea Roberto Rocca 2017" scholarship winner.
"Borsa di studio Tesi all'Estero 2017" scholarship winner.