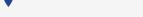# Jacopo
Pierotti

DATE OF BIRTH:
26/04/1993

CONTACT

Nationality: Italian

Gender: Male

Delft, Netherlands

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(+39) 3345497799

https://scholar.google.com/citations?user=JM0w1fUAAAAJ&hl=en&oi=ao

https://www.kaggle.com/jacopopierotti

LinkedIn: https://www.linkedin.com/in/jacopo-pierotti-a4826412a/

ABOUT ME

Hardworking and eclectic PhD candidate in mathematical optimization becoming a data scientist

WORK EXPERIENCE

01/2018 – CURRENT – Delft, Netherlands

PhD candidate

TU Delft

My research (supervised by Dr. Theresia van Essen and by Prof. Ir. Dr Karen Aardal.) mainly focuses on solving hard routing problems, both from an optimal and (meta)heuristic point of view. On top of that, I invested more and more time in data science and artificial intelligence.

09/2017 – 12/2017 – Montreal, Canada

Scientific researcher

École de technologie supérieure (ÉTS)

I created and designed (under the supervision of Dr Fasuto Errico, Prof. Dr Federico Malucelli and Prof. Dr Guy Desaulniers) an optimal column generation algorithm with fast dominance condition checks for the green electric vehicle routing problem.

EDUCATION AND TRAINING

10/2012 – 06/2015 – Milano, Italy

Bachelor's degree in Automation and Control Engineering

Politecnico di Milano

107/110 | EQF level 6

10/2015 – 07/2017 – Italy

M.Sc in Automation and Control Engineering

Politecnico di Milano

110/110 | The EVRP-TW with heterogeneous recharging stations. An exact branch-and-price method | EQF level 7

06/2019 – 07/2019 – New York, United States

Short research visit (collaboration with Dr. Lorenzo Ferretti)

Columbia university

Research visit to work with Dr. Ferretti, Lorenzo.

04/2020 – 05/2020

Machine Learning with Python: A Practical Introduction

EdX / IBM (MOOC)

Field(s) of study
- machine learning

94/100

05/2020 – 06/2020

Reinforcement Learning Explained

EdX / Microsoft (MOOC)

Field(s) of study
- reinforcement learning

91/100

06/2020 – 07/2020

Deep Learning Essentials

EdX / UMontrealX, Mila and IVADO (MOOC)

Field(s) of study
- deep learning

93/100

07/2020 – 08/2020

Deep Learning with Python and PyTorch

EdX / IBM (MOOC)

Field(s) of study
- artificial intelligence

100/100

LANGUAGE SKILLS

MOTHER TONGUE(S): Italian

OTHER LANGUAGE(S):

English

Listening	Reading	Spoken production	Spoken interaction	Writing
C1	C1	C1	C1	C1

Dutch

Listening	Reading	Spoken production	Spoken interaction	Writing
B2	B2	B2	B2	B2

DIGITAL SKILLS

Python / GUROBI / Spyder/Jupyter/Anaconda / PyTorch / Pandas / Deep Learning / Numpy / Anaconda / Data Science / Matplotlib / R

HONOURS AND AWARDS

06/2016
Borsa Roberto Rocca – Roberto Rocca education program

06/2017
Borsa Roberto Rocca – Roberto Rocca education program

HOBBIES AND INTERESTS

Hobbies and interests

- MMA/brazilian jiu-jitsu fighter, rock climber

- volunteer for a centre for people with down syndrome (2012-2016)

- main organizer of social events (pub quiz, bowling, live music event, ..) for my fellow colleagues during my PhD.

-drummer and cinephile

-pizza eater (and maker)