

# Francesco Dal Canton

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## Education

- 2018–2021 **MSc in Artificial Intelligence, graduated Cum Laude**, *University of Amsterdam*, Amsterdam (NL), Grade average: 8.2/10.
- 2015–2018 **BSc in Artificial Intelligence with Honours in Philosophy**, *University of Groningen*, Groningen (NL), Grade average: 8/10.
- 2010–2015 **Diploma di Maturità Classica**, *Liceo Classico "G. Marconi"*, Conegliano (IT), Grade: 83/100.

## Master Thesis

- title *Multiple-Instance Learning for Assessing Prognosis of Ductal Carcinoma In Situ*
- supervisors Efstratios Gavves, Jonas Teuwen
- description The study involves using histopathology slides collected from patients affected by Ductal Carcinoma In Situ (DCIS). The goal is to obtain a model for prediction of future development of Invasive Breast Cancer (IBC).

## Bachelor Thesis

- title *Early Detection of Sepsis Induced Deterioration Using Machine Learning*
- supervisors Marco Wiering, Vincent M. Quinten
- description The study involves performing time series analysis on ECG, blood oxygenation level, and respiratory rate signals gathered from patients in their first 48 hours in the hospital. The focus of the study is to predict organ failure or death caused by Sepsis, an excessive reaction to infection.
- publication The resulting paper was published in the proceedings of the BENE-LEARN2018 conference ([https://link.springer.com/chapter/10.1007/978-3-030-31978-6\\_1](https://link.springer.com/chapter/10.1007/978-3-030-31978-6_1))

## Experience

### Vocational

- May 2021 **Artificial Intelligence Analyst at NKI**, *The Netherlands Cancer Institute*.
- Jul 2021 Research role aimed at continuing and improving the work of my Master's thesis
- Nov 2019 **Internship at NKI**, *The Netherlands Cancer Institute*.
- Apr 2021 Research role aimed at analysing data for my Master's thesis

- Jun 2019 **Natural Language Data Mining Project, KPN.**  
Project at KPN in collaboration with the University of Amsterdam
- Mar–Jun 2018 **Teaching Assistant for the course Neural Networks, University of Groningen.**
- Mar–Aug 2018 **Internship at UMCG, Universitair Medisch Centrum Groningen.**  
Research role aimed at analysing data for my Bachelor's thesis

### Miscellaneous

- 2013–2014 **Exchange year in Norway, AFS Intercultural Program, Elnesvågen (NO).**  
Attended a local school, took part in all curricular classes, and extra Norwegian classes, while living with a local family

### Languages

Italian	C2	<i>Mothertongue</i>
English	C2	<i>IELTS 8.5 (in 2014)</i>
Norwegian	A1	<i>Not certified</i>

### Computer Skills

Operating Systems	Experienced user of both Windows and Linux-based operating systems and their standard software
Programming Languages	Fluent in Python. Familiar with Java, C, GNU Bash, Matlab, Octave. Basic knowledge of R, SQL, Prolog
Notable Python APIs	Experienced with Pandas, Scikit-learn, PyTorch, Tensorboard, OpenSlide.
Miscellaneous	Proficient with Git, Docker, Linux shell, and Latex. Familiar with ROS (Robot Operating System)

### Personal skills

Individual	Organised, detail oriented, proficient at analytical thinking and problem solving
Team Skills	Diplomatic, strong at team building, communication, and at forming rapport
Public Speaking	Strong presentation skills, experienced at presenting in front of groups

### Extras

Driving License	Italian A1 and B
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