Francesco Dal Canton

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github.com/frank

I am an artificial Intelligence MSc graduate with experience in working with Deep Learning, Computer Vision, and Time Series Analysis in the medical domain.

Experience

11.2021 – Present **Deep Learning Researcher**, *Medis Medical Imaging*.
My role focused on researching and developing production-ready computer vision algorithms (Deep Learning-based and otherwise) for echocardiography workflow automation, along with infrastructure development and maintenance.

05.2021 – 07.2021 **Artificial Intelligence Analyst**, *The Netherlands Cancer Institute*.
Research role aimed at continuing and improving the work of my Master's thesis.

11.2019 – 04.2021 **Research Intern**, *The Netherlands Cancer Institute*.
Research role aimed at analysing data for my Master's thesis.

06.2019 **Research Intern**, *KPN*.
Research role involving Natural Language Processing and Data Mining, aimed at investigating new product directions at KPN in collaboration with the University of Amsterdam.

03.2018 – 06.2018 **Teaching Assistant**, *University of Groningen*.
Held tutorials and designed and graded assignment for the BSc Neural Networks course at the University of Groningen.

03.2018 – 08.2018 **Research Intern**, *Universitair Medisch Centrum Groningen*.
Research role aimed at analysing data for my Bachelor's thesis

Education

2018 – 2021 **MSc in Artificial Intelligence (Cum Laude)**, *University of Amsterdam*, Amsterdam (NL), Grade average: 8.2/10.
An abstract of my thesis on *Multiple-Instance Learning for Assessing Prognosis of Ductal Carcinoma In Situ* was accepted for an oral presentation at the European Congress of Pathology of 2021, and follow-up research based on my work was published at SPIE (`https://doi.org/10.1117/12.2612838`).

2015 – 2018 **BSc in Artificial Intelligence (Honours in Philosophy)**, *University of Groningen*, Groningen (NL), Grade average: 8/10.
A paper resulting from my thesis on *Early Detection of Sepsis Induced Deterioration Using Machine Learning* was published in the proceedings of the BENELEARN2018 conference (`https://doi.org/10.1007/978-3-030-31978-6_1`).

2010 – 2015 **Diploma di Maturità Classica**, *Liceo Classico "G. Marconi"*, Conegliano (IT), Grade: 83/100.

Skills

Operating Systems	Experienced user of both Windows and Linux-based operating systems and standard software
Programming Languages	Proficient with Python. Basic knowledge of Java, C, Matlab, R, SQL, Prolog
Notable Python APIs	Proficient with PyTorch, PyTorch Lightning, Scikit-learn, Pandas, Tensorboard, OpenSlide, gRPC, H5PY
Miscellanea	Proficient with Git, Linux shell, Latex. Familiar with Docker, Singularity.

Languages

Italian	C2	*Mothertongue*
English	C2	*IELTS 8.5 (in 2014)*

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

Extras

Driving License	Italian A1 and B