FRANCESCO DAL CANTON

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ABOUT ME

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

SKILLS

`Pytorch (Lightning) / Tensorboard / Slurm / Pandas / scikit-learn / pytest / gRPC / ONNX / H5PY / OpenSlide / NLTK / spaCy / Gensim / Docker / Singularity`

EXPERIENCE

11/2021 – Now
Deep Learning Researcher — **Medis Medical Imaging**
I researched, developed, and validated production-ready computer vision algorithms (Deep Learning-based and otherwise) for echocardiography and CT angiography workflow automation, and maintained and developed inference and evaluation infrastructure.
`Pytorch (Lightning) / Slurm / scikit-learn / gRPC / ONNX / Docker`

5/2021 – 7/2021
Artificial Intelligence Analyst — **The Netherlands Cancer Institute**
I investigated Deep Learning-based methods for outcome prediction of Ductal Carcinoma in Situ (DCIS) from pathology whole-slide images (WSIs).
`Pytorch / Slurm / Docker / Singularity`

11/2019 – 4/2021
internship
Research Intern — **The Netherlands Cancer Institute**
Researched and developed a computational pipeline for predicting outcome of DCIS from WSIs.
`Pytorch / Slurm / Docker / Singularity`

6/2019
internship
Research Intern — **KPN**
NLP and Data Mining project in collaboration with the University of Amsterdam.
`scikit-learn / NLTK / spaCy / Gensim`

3/2018 – 6/2018
Teaching Assistant — **University of Groningen**
I assisted teaching for the BSc Neural Networks course at the University of Groningen.

3/2018 – 8/2018
internship
Research Intern — **Universitair Medisch Centrum Groningen**
I analysed biometric signals to perform early detection of sepsis in ICU patients.
`scikit-learn`

EDUCATION

2018 – 2021
MSc in Artificial Intelligence (Cum Laude) — **University of Amsterdam**
I presented an abstract on my thesis *Multiple-Instance Learning for Assessing Prognosis of Ductal Carcinoma In Situ* at the European Congress of Pathology of 2021. Follow-up research based on my work was accepted at SPIE 2022.

2015 – 2018
BSc in Artificial Intelligence (Honours in Philosophy) — **University of Groningen**
I presented a paper resulting from my thesis on *Early Detection of Sepsis Induced Deterioration Using Machine Learning* at the BENELEARN2018 conference, and the paper was published in the conference proceedings.

SOFT SKILLS

I am organized, detail oriented, good at team building, and verbal communication.

LANGUAGES

English - C2
Italian - C2

HOBBIES

I love cooking, playing bass, sailing, and martial arts.