FRANCESCO DAL CANTON

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ABOUT ME

Artificial Intelligence MSc graduate with industry experience in delivering Deep Learning, Computer Vision, Geometric Deep Learning, and Time Series Analysis solutions.

SKILLS

`PyTorch / Tensorboard / Amazon SageMaker / Slurm / Pandas / scikit-learn / VTK / gRPC / ONNX / H5PY / OpenSlide / NLTK / spaCy / Gensim / Docker / Singularity`

LANGUAGES

English - C2
Italian - C2

EXPERIENCE

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

5/2021 – 7/2021
Artificial Intelligence Analyst — **The Netherlands Cancer Institute**
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**
Assisted teaching for the BSc Neural Networks course at the University of Groningen.

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

EDUCATION

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.

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.