

CURRICULUM VITAE

PERSONAL DATA

NAME: Teo Cherici
DATE OF BIRTH: 28 - 12 - 1991
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WORK EXPERIENCE

MARCH 2017 CURRENT	Data Scientist - Machine Learning Researcher Promaton BV, Amsterdam Responsible for the design, training and deployment of state-of-the-art Deep Learning models for processing of dental healthcare imaging data. Experienced with (CB)CT and orthopantomographic DICOM imaging, mesh surfaces and point cloud data. Designed and trained 3D volumetric and point-cloud Deep Learning models for classification, semantic segmentation, object detection and GANs for data augmentation. Deployed Deep Learning pipelines in RESTful APIs with Flask, FastAPI. Lead junior colleagues in design and training of Deep Learning models. Co-author of 4 patents on applied Deep Learning architectures.
SEPTEMBER 2016 FEBRUARY 2017	Applied Deep Learning Internship @ Accenture Emerging Technology Group, Amsterdam Involved in RNN model design and training for genome sequencing, CNNs design for materials data extrapolation and object detection models for satellite data imaging.

SKILLS

Architectures	2D, 3D grid and point-cloud Convolutional Deep Learning, Transformers, GANs, Reinforcement Learning
ML/DS Libraries	pytorch, tensorflow, numpy, scipy, sklearn, pandas
Other	git, AWS, docker, LINUX/UNIX, multiprocessing

LANGUAGES

ITALIAN:	Native speaker	PYTHON:	Expert
ENGLISH	Fluent	JAVASCRIPT:	Basic Knowledge
DUTCH:	Fluent	JAVA:	Basic Knowledge
FRENCH:	Elementary	RUST:	Basic Knowledge

EDUCATION

- SEPTEMBER 2015 Master program MECHANICAL ENGINEERING
AUGUST 2018 **Delft University of Technology**, Netherlands
Specialization: *BioRobotics, Artificial Intelligence*
Final Project: *Robotic Auxiliary Tasks for Deep Reinforcement Learning*
- SEPTEMBER 2011 Bachelor of science in MECHANICAL ENGINEERING
AUGUST 2015 **Delft University of Technology**, Netherlands
Final Project: *Exploring undulating fin propulsion*
FALL 2014 Minor ROBOTICS
- SEPTEMBER 2005 **Liceo Scientifico “Isaac Newton Roma”**, Italy
JUNE 2010 Diploma di maturità scientifica