

# Marco Sanguineti

Chiavari, Liguria, Italy



marco\_sanguineti27@libero.it



[linkedin.com/in/marco-sanguineti-088604161](https://www.linkedin.com/in/marco-sanguineti-088604161)

## Summary

Master degree in Mechanical Engineering, I work in the world of CFD, AI, Deep Learning and Software Development. Passionate about Technology, Videogames and AI.

## Experience



### Software and Deep Learning Engineer

Deeplabs

Apr 2021 - Present (1 year 3 months +)



### Project Engineer

Numerical

May 2020 - Apr 2021 (1 year)



### Student representative on the course council

Università degli Studi di Genova

Apr 2019 - Jan 2021 (1 year 10 months)

Mechanical Engineering: Energy and Aeronautics



### Private Tutor

freelancer

2014 - Jan 2021 (7 years 1 month)



### Master's thesis

ABB

Nov 2019 - Dec 2020 (1 year 2 months)

Numerical modeling of HVAC for maritime application: traditional approach and machine learning algorithms



### Students' representative

IANUA

Apr 2018 - Dec 2020 (2 years 9 months)

STS: Science and Technology for Environmental Sustainability



### Study, development and optimization of innovative refrigeration plants

Bifreezer

Apr 2019 - May 2019 (2 months)

Study, development and optimization of innovative refrigeration plants through Matlab code and GUI interface



## **Internship**

Ruths S.p.A

Sep 2018 - Mar 2019 (7 months)

## **Education**



### **Università degli Studi di Genova**

Master's degree, Mechanical Engineering

2018 - 2020

Mechanical Engineering - Energy and Aeronautics



### **Università degli Studi di Genova**

Bachelor's degree, Mechanical Engineering

2015 - 2018



### **Università degli Studi di Genova**

High School Diploma, Sustainability Studies

2015 - 2018



### **IANUA ISSUGE**

Master, STS: Scienze e Tecnologie della Sostenibilità

2015 - 2020

Corso di studi d'eccellenza a numero chiuso parallelo alla laurea magistrale. Lezioni supplementari sulla sostenibilità ambientale ed economica, sulle nuove tecnologie e sui nuovi materiali.

## **Licenses & Certifications**



**Machine Learning (Stanford University online) - Coursera**



**Neural Networks and Deep Learning - Coursera**

RAXK8J66HEPH



**Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization - Coursera**

U3HZ29YUNZTX



**Structuring Machine Learning Projects - Coursera**

N45GCHC35H8Z



**Convolutional Neural Networks - Coursera**

CAWANZWW SPL9



**Deep Learning Specialization** - Coursera

F54MDCRFHWQX



**Sequence Models** - Coursera

NFSRRL3U5VMX



**Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning** - Coursera

2F8QHPHLLA3Y



**DeepLearning.AI TensorFlow Developer Specialization** - Coursera

Q6J65DWWN6KX



**Natural Language Processing in TensorFlow** - Coursera

QRUQA63F3ESA



**Convolutional Neural Networks in TensorFlow** - Coursera

FF77GZRRWQQ4



**Sequences, Time Series and Prediction** - Coursera

AGQ9RL9B5WA8



**Custom Models, Layers, and Loss Functions with TensorFlow** - Coursera

B73GUP22P2QN



**Custom and Distributed Training with TensorFlow** - Coursera

DWNFP9PMTU9Z



**Advanced Computer Vision with TensorFlow** - Coursera

HEN5Y7LQ6F5E



**TensorFlow: Advanced Techniques Specialization** - Coursera

84B27448YPTX



**Generative Deep Learning with TensorFlow** - Coursera

3SU5QLM44Z6M



**Elden ring completion** - BANDAI NAMCO Games Inc.

## Skills

Python (Programming Language) • Deep Learning • TensorFlow • Computational Fluid Dynamics (CFD)  
• Machine Learning • Image Processing • PyTorch • AutoCAD • Microsoft Excel • MATLAB

## Honors & Awards



**Vincitore Borsa di Studio "Lo studio è il tuo futuro"** - Costa Crociere Foundation  
Sep 2015



**Vincitore del premio "Rossi Raffaele - Eugenia Ravenna - Mario Ravenna"** -  
Società economica di Chiavari  
May 2015