



### Personal information

Surname / First name

**Fraccaroli Michele**

### Professional activities

March 2020 - June 2020	Tutor of C and Java Programming Languages at the Engineering Department of the University of Ferrara (Italy).
November 2019 - December 2019	Tutor of Programming Languages and laboratory at the Department of Mathematics and Computer Science of the University of Ferrara (Italy).
November 2019 - now	Ph.D. student in Engineering Science. <b>Scholarship:</b> Integration of machine learning algorithms based on logic and deep neural networks.
September 2017 - July 2019	Master's degree in Informatics and Automation Engineering at the University of Ferrara (Italy). <b>Grade:</b> Top grade. <b>Thesis:</b> Deep learning techniques for defect localization in fruit and vegetable images. <b>Supervisor:</b> Prof. Ing. Evelina Lamma.
February 2019 - July 2019	Internship at Unitec S.p.A for research in Computer Vision system based on Deep Learning.
2016 - 2017	Single courses for the Master's Degree in Informatics and Automation Engineering at the University of Ferrara (Italy).
October 2016 - November 2016	Internship at Centro Computer SPA as a web developer.
2012-2016	Bachelor degree in Informatics and Electronics Engineering at the University of Ferrara (Italy). <b>Thesis:</b> Develop of Lite version of a Company's Trouble Ticket System. <b>Supervisor:</b> Prof. Ing. Cesare Stefanelli.
may 2011 - june 2011	Internship for Baraldi Ing. Rita as a surveyor.

2007-2012

High school degree in Technical Institute for Surveyors at Ignazio Calvi, Finale Emilia (MO), Italy.

## Languages

Mother tongue  
English

### Italian

fluent(reading), Intermediate(writing, speaking, listening).

## Scientific Publication

Conferences

Michele Fraccaroli, Evelina Lamma, Fabrizio Riguzzi. Automatic setting of dnn hyper-parameters by mixing bayesian optimization and tuning rules. In The Sixth International Conference on Machine Learning, Optimization, and Data Science 2020. To be published., Lecture Notes in Computer Science. Springer, 2020.

## Computer skills

Programming languages  
Other languages  
Operative systems  
Others

Python, C, Java, C#, JavaScript, Matlab, PHP.

HTML, SQL, JSON, CSS, LaTeX.

Linux/Unix, Windows.

During my studies I have worked with different framework and technologies in web development field like: Java Server Pages (JSP), ASP.NET MVC, Laravel and Ruby on Rails.

Also I've worked in different project which concerned Cryptography, Networking, Operational Search's and Artificial Intelligence problems, in particular in Deep Learning field.

## Other Skills

Good at team working and problem solving, independent.

## Project

Vltra

Vltra is a software that I've designed and developed for use in chemical field for plotting and data analysis for data of amperometry and cyclic voltammetry.

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driving license

Signature

This software is completely developed in python  
and it is under GPL licence.  
B. own car