

# Marco Baggio

## Curriculum Vitae



via G. Morgagni, 42  
35122

Italy, Padua

**M** +39 (345) 255 9797

**E** [marcobgg4@gmail.com](mailto:marcobgg4@gmail.com)

**DoB** 04/12/1992

**T** <https://t.me/Mac40>

**W** <https://mac40.github.io>

## Education

**Bachelor Degree**, *Università degli studi di Padova*, Padova. **08/2012–04/2016**

Bachelor degree in Computer Science

**Master Degree**, *Università degli studi di Padova*, Padova, 96. **08/2017–02/2021**

Master degree in Data Science

## Experience

### Vocational

**Consulting**, *Data Engineer*, Milano. **04/2021–Today**

*F1 Consulting & Services* - <https://www.f1consultingservices.it/>

I am currently working as a Junior Data Engineer at Data Reply. My tasks involve handling ingestions of data influx from various external database structures into the Unipol data lake. I am in charge of setting up the database structure, preparing the means of data retrieval, and setting up an automated process of ingestion.

Detailed achievements:

- Familiarity with Spark, Hadoop hdfs, Hive, Impala, Splunk and Yarn as well as the Cloudera platform;
- Knowledge of various means for the handling of incoming data;
- Teamwork and structured workflows.

**Internship**, *Data Scientist*, Barcellona. **01/03/2020–24/02/2021**

*Universitat Politècnica de Catalunya, Barcellona* - <https://www.upc.edu/en>

At UPC I worked with professors Sergi Nadal from UPC and Stijn Vansummeren from the Université Libre de Bruxelles on the topic of Distributed Complex Event Recognition. In particular we wanted to test the impact of different distribution strategies on the performances of both the dispatcher and the operators in a distributed environment.

Detailed achievements:

- Integration of Apache Flink with an UCEA engine from the university of Chile;
- Implementation of various distribution strategies;
- Evaluation of performance metrics.

**Internship, Programmer, Cittadella. 13/06/2017–12/12/2017**

*Arcadia Consulting: Via Nicolo Copernico, 2b - 35013 Cittadella, Padova – <http://arcadia-consulting.it/>*

I was hired to study, analyze and produce algorithms and application like Ai systems, smart agent and automatic leaderboards to boost growth and automation of learning experiences.

During this period I've joined the development team to realize custom LMS online platforms for clients like Kasanova, Centrocot, Unox and Costa Crociere.

Detailed achievements:

- Improved knowledge of Moodle platform as a template for LMS deployment;
- Basic studies of efficiency algorithms.

**Scholastic Internship, Analyst, Padova. /10/2016– /12/2016**

*Athesys s.r.l.: Via Crimea, 92 - 35141 Padova - Tel. 0039.049.297.02.97-[athesys@athesys.it](mailto:athesys@athesys.it)*

During my internship I've analyzed part of Gartner documentation regarding Application Portfolio Management Applications.

I've also written the documentation needed in order to define a new APM application that interacts with other applications property of my guest company.

Detailed achievements:

- Improved knowledge of Gartner documentation;
- Detailed studies of Application Portfolio Management 's papers.

**Group project, Student, Padova. /09/2015– /07/2016**

*Zero12: via Spessa, 25/C 35010 Carmignano di Brenta (PD) - Tel 049.941.4411-[info@zero12.it](mailto:info@zero12.it)*

The project asked our group to deploy a platform that, given a set of machineries linked to an internet connection streaming a flow of data, could determine and prevent future breakdowns.

Detailed achievements:

- I was in charge of developing the algorithm used to calculate future datas and learn from previous breakdown signals in order to send a warning based on these informations;

## Languages

**Italiano:** Native language

**English:** Very Good

B2

## Computer skills

**Programming languages and Environments:** Python, Spark, R, Moodle, Sass, Less, Opendata, Mustache, Java, C++, C, Html, CSS, Php, JavaScript, Xml , Sql

**Operating Systems:** Windows, Linux

## Rugby

**Amateur:** I've played since the age of 8 at Petrarca Padova Rugby Club.

**Competitive:** I took part in the Italian Competitive Championship playing for Valsugana Rugby Padova Club and debupted in C and B series.

**Acquired Skills:** I've learned a lot about teamwork alongside quick think-

ing and leadership having played the role of captain of my team in a couple tournaments during my last years in the amateur category.

### **Interests**

**Judo:** I've played judo for 6 years at amateur levels between 5 and 11 years old.

**Trumpet:** I've played the trumpet for a year during high school.