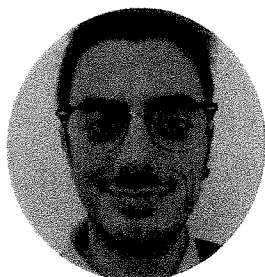


Emiliano  
Traini



## OBJECTIVE

I am a data scientist with experience in delivering development projects in the manufacturing field. I am competent in ensuring projects are delivered to agreed quality standards, timelines and in line with client expectations.

## KEY SKILLS

- + Extensive knowledge
- + Formulation and process optimisation
- + Data science
- + Capable of writing and reviewing technical documentations
- + Excellent engagement and influencing skills at management level

## WORK EXPERIENCE

### Research Fellow

*Department of Management and Production Engineering  
Politecnico di Torino ~ 2018 – 2019*

Performances analysis of a new warehouse management technology through statistical methods and discrete event simulation tools.

### R developer

*Big Data Lab, Intesa San Paolo ~ 2017– 2018*

Collaboration in the NPL management project: managing of the small non performing loans. My responsibilities within this role included developing a tool to suggest the most appropriate manager for a file putting in relationship his historical performances and the characteristics of the file. This was done using the most famous technique of data mining and machine learning. I also supported the developments for a new hi-tech office.

### Video Logger

*Deltatre ~ 2016*

This role consists in watching and labelling the video footage. The core business of the company is related to the sport events, so specifically I followed the *Champions League* matches to log parts of video that corresponded to important events to store in a server. In parallel, during the match I had to prepare two highlight videos, one shorter and one longer, to publish at the end of the match.

## TEACH EXPERIENCE

### Production system

*Politecnico di Torino ~ 2019*

### Tools for Industry 4.0

*Politecnico di Torino ~ 2019*

### Data sciene

*Young Talent in Action ~ 2018-2019*

### Private tutor

*Camplus Lingotto ~ 2018-2019*

## LANGUAGES

- + Italian
- + English
- + Spain

## REFERENCES

Franco Lombardi  
Full Professor

Paolo Chiabert  
Associate Professor

## **QUALIFICATIONS**

### **Management, production and design**

*PhD ~ 2010-today*

Use of data science and other mathematical skills in the development of new technologies for Italian and other SME with a view to Industry 4.0.

### **Mathematical engineering**

*Master's degree ~ 2016-2018*

Use of discrete mathematical and network models, numerical simulations, statistical laws and machine learning methods for issues of technological innovation, industrial production, services, business and finance.

### **Math for engineering**

*Bachelor's degree ~ 2013 – 2016*

Mathematical knowledge and application to general engineering problems.

### **A Levels**

*Scientific High School ~ 2008-2013*

## **INTERESTS**

Play various instruments and home recording, film and all type of team sports.