Sébastien CARARO

Personal information
02/02/1998 (22 years old)
sebcararo@hotmail.fr

Languages

French   *native language*
English (TOEIC 895) *fluent*
Italian   *notions*
Spanish   *basics*

Technical skills

Coding : R, C, Python, Java, Matlab
Tools : Office Pack, Azure, SysML, LTSpice, Azure, DevOps

CURRENT SITUATION

Gap-year student in last year of Master of Sciences at Ecole Centrale de Lille (French *Grande Ecole*).

WORK EXPERIENCES

➢ September 2019 – February 2020

Witted SRL, Rovereto (ITALY)

I created from scratch a pipeline for monitoring the correlation between erosion and mutiple factors such as the presence of seagrass and maritime activity, along italian coasts. I actively participated into helping the company request a European fund by the European Space Agency, which the company obtained successfully afterwards.

Use of *numpy*, *sklearn* for Machine Learning models, along with *SentinelHub* and *EO-Learn* packages for satellite imagery.

➢ February 2018

TLV-TRATO, Lys-lez-Lannoy (North of FRANCE)

This traineeship was part of my engineering cursus, I worked beside handlers and followed the production process. I learned about both internal and external logistics.

➢ October 2017 – June 2018

Monoprix, Marcq-En-Baroeul (59700 – North of FRANCE)

Cashier. This job was the same as my first job experience and as a 6 hrs/week contract, it included many overtime hours. I mainly learnt to adapt to organization needs and to integrate a staff on a long-term period, which involved being available even during Sundays and public holidays.

➢ August 2016 and August 2017

Monoprix, Joinville-le-pont (94340 - Parisian region)

Cashier and shelf employee. This first job taught me basics about client relationship and well-being in entreprise.

OTHER NOTABLE EXPERIENCE

➢ August 2019

French Army – 61st artillery regiment

Highly intensive three-weeks long military preparation (*Préparation Militaire Supérieure)*. Beside the army-based knowledge that I acquired there (ethics, guns and equipments, code of conduct), I also learnt a lot about men management, organization, giving orders and obeying hierarchy, but also a lot about decision making under high-pressure conditions.

Other information

Driving License (cat. B)

Both French and Canadian citizen

Former High School basketball referee

First Aid certificate

Hobbies : Basketball, Cinema, Litterature

EDUCATION

➤ February 2019 – July 2019

Trento University (Italie - Erasmus+ exchange) : Statistics, IT and big data courses – including Machine Learning and Deep Learning. I also followed some Biology-related and Economics courses. I successfully obtained an average grade of 99,16% over the five courses that I followed and I participated in multiple group projects. This was also my first study experience outside France, therefore I had to express myself in both english and italian.

➤ September 2017 – (June 2021 after one gap year)

Ecole Centrale de Lille : Graduate school of multi-disciplinary engineering (Physics, Mathematics, IT, Management,…). The etablishment delivers the Master's Degree and is one of the 10 best engineering schools in France.

➤ September 2015 – June 2017

Lycée Paul Valéry (Paris 75012). 2-year highly competitive (35+ hours/ week only for lectures) undergraduate studies in Maths/Physics/Engineering preparing for the nationwide competitive examinations for entry to the top engineering schools in France.

➤ September 2012 – June 2015

Lycée d'Arsonval (St-Maur-Des-Fossés 94100) High School curriculum**,** earning the High School Diploma in Scientific section (Baccalauréat S – *magna cum laude*).

ONLINE COURSES WITH CERTIFICATES

- **Social Psychology** – Wesleyan University (37 hours – June 2020)
- **Becoming a changemaker : Introduction to social innovation** – University of Cape Town (18 hours – May 2020)
- **Developing AI applications on Azure –** LearnQuest (15 hours – June 2020)
- **Mindshift : Break through obstacles to learning and discover your hidden potential** – McMaster University (8 hours – May 2020)
- **New models of business in society** – University of Virginia (6 hours – May 2020)

References : avalaible on request