

# Curriculum Vitae



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## My Academic Formation

**(2008-2015) Externato Delfim Ferreira** was where i made my basic and secondary education where i picked the sciences and technologies course.

**(2015-2020) University of Porto** was my 1st choice to study to study Informatics and Computer Engineering on the **Faculty of Engineering** where i took the MIEIC course with and integrated Masters degree.

**(2019) Technical University of Ostrava** on the Czech Republic was the University where i participated in the ERASMUS program. There i took courses like Data Analysis, Parallel Computing, Biologically Inspired Algorithms and Digital Image Processing.

**(2008-2012) English Institute** where i learned how to write, speak and listen to the english language and comprehend it better. It helped me get my First Certificate in English which gets me at C1 level in English.

## My work experience

**(2018 - Today) Jumpseller - Part-time(Student-worker)**. Jumpseller is an e-commerce provider where you can easily setup your online store. Here i make part of their software development team. While working there i have learned some new technical skills, such as the Ruby programming language, some of its frameworks and gems like Sinatra and Padrino and improved my skills in ReactJS. I also learned how to implement and use web hooks, using server-side caching (Redis) and gained many insights on the maintenance of a highly used software project, using Heroku for instance. It is my first job in the field working part-time as well as being a student-worker.

## My top technical skills

### Javascript

Used it in all of my web application projects done in FEUP and work with Javascript in Jumpseller with ReactJS for example. Also used it on some side projects done to learn Node and AngularJS.

80 %

### Ruby

Used it on a course at FEUP where i choosed to work with the Ruby on Rails Framework and mainly work with this language at Jumpseller using Padrino and Sinatra.

80 %

### Java

Have used it many times in projects at FEUP to practice the implementation of design patterns and distributed systems applications.

70 %

### C++/C

## My top non technical skills

Have used C on projects at FEUP namely to write low level software to pass data from one computer to another through a coaxial cable and to write a game using self made drivers of the graphical card, the keyboard and the mouse. Also used C++ to write a game-engine library after learning a bit about graphical computation at FEUP and it was the first language i ever learned.

70 %

## C#

Have used it on projects at FEUP namely to write distributed technology systems.

70 %

## Elixir

Used it in with the Phoenix framework to write a web application in a course at FEUP to be delivered to a real company.

50 %

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## My main interests

**Distributed Systems** - I like the idea of having a network of nodes and writing applications for data sharing between them and making the system safe, fault tolerant and simple to the eyes of the user.

**Artificial Intelligence** - Combined with data analysis i recently gained more interest in using data from the application to be used on machine learning algorithms.

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