



## PERSONAL INFORMATION

I have a Master's degree in Electrical and Computer Engineering, specializing in Automation, from the Faculty of Engineering, University of Porto. I am a results-driven person who thrives on tackling new challenges and continuously expanding my knowledge base. This has helped me succeed throughout my Master's degree, as well as during the work I have been doing the past year developing Java Desktop Applications as part of an R&D Project in University of Minho.

Outside of work, I'm an easy-going individual who enjoys embracing life to the fullest. I find joy in sports and outdoor activities, and I bring the same enthusiasm and energy to my professional endeavors.

## SKILLS

I have experience with :

- Programming languages C, C++, Java, ObjectPascal and Javascript;
- Databases, using PostgreSQL and MongoDB ;
- Programming PLC's, using Codesys;
- Creating Applications using Delphi (pascal);
- Microsoft Office Word, Excel and PowerPoint

## LANGUAGES

Portuguese (First Language)

English (Advanced)

- Certificate of Proficiency in English (Level C2)
- Spanish (Intermediate)

## CONTACTS



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# HUGO MARTINS

Master in Electrical and Computer Engineering

## EDUCATION

### Faculty of Engineering of University of Porto

Master in Electrical and Computer Engineering specializing in Automation

- Final grade of 16/20 (grade B on the European grading scale)
- Master's dissertation in Adaptive User Interfaces for Smart Manufacturing Systems in the scope of the R&D project Continental factory of the Future

### Martins Sarmento High School

Area of Science and Technology

- Final grade of 18/20.
- Merit award obtained in the 12th grade (2017)

## EXPERIENCE

### Researcher

University of Minho | mar. of 2022 - present

Member of the R&D Project "Continental Factory of the Future" with the goal to design and implement a Smart Manufacturing System revolving around Industry 4.0 Concepts.

- Developed User Interfaces to manipulate and query the Smart Manufacturing System
- Developed Desktop Application using Java
- Use of Rest APIs and SQL to query and manipulate the System's information

### Programming Class Monitor

Faculty of Engineering of University of Porto | mar. of 2021 - feb. of 2022

- Aiding the class teacher and helping students by answering questions and clarifying doubts presented by them.
- Correct Students' homework assignments
- Take part in sessions devoted to clarify the class students

## EXTRACURRICULAR EXPERIENCE

### REFOOD

Volunteer | 2021 - 2022

- Restocking/gathering donations and preparing food baskets for those in need.

### Academic Traditions

Member of the Organizing team | 2017 - 2022

- Active member in the organization of activities with the goal of passing on academic traditions, welcoming new students, promoting teamwork activities, amongst others.
- Organizing events with more than 50 people

### COMENIUS Project

Member of the Organizing team | 2013

- Active and participative member in the event's organization
- Contact with people from more than 10 different international cultures