

# Bárbara Diana

## Software Engineer



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### ABOUT ME

I'm a software engineering graduate looking for my first job experience in the IT field. My expertises are Databases and Backend Development, as well as Project Management, counting on extensive Scrum knowledge and a strong background in business.



I'm passionate about tech, maths, game development and retro consoles - hobbies which fuel my curiosity and eagerness to learn!

### PERSONAL TRAITS

- Organized
- Independent
- Proactive
- Team player
- Attentive to detail
- Responsible



### LANGUAGES

#### Portuguese

Native Proficiency

#### English

Full Professional Proficiency



## WORK EXPERIENCE



### Quality Manager & Management Assistant

NIBBLE - Engenharia Lda.  
2019 - 2022

#### Achievements/Tasks:

- Implemented and managed a ISO 9001 certified Quality Management System.
- Created support IT tools such as: automatic document indexing page, strategic decision support dashboard and automated/customized customer surveys.

## EDUCATION



### Bachelor's Degree in Informatics Engineering

Instituto Superior de Engenharia do Porto  
2019-2023

#### Main Course Units:

- Software and Application Engineering
- Databases
- Algorithms and Data Structures
- Linear Algebra and Computational Mathematics



### Erasmus + | European Project Semester

St. Pölten University of Applied Sciences  
sept. 2022 - feb. 2023

#### Main Course Units:

- Scrum
- Virtual Reality
- Serious Gaming/Gamification



### Bachelor's Degree in Business Management

Faculdade de Economia da Universidade do Porto  
2016- 2019

Final Grade: 16

#### Main Course Units:

- Data Management
- Statistics

## PROJECTS



### Real Time Data Analytics

### | Internship Project

Real time recommender system for e-commerce applications.

Technologies: Databricks, Python, Spark, Kafka, Docker, Debezium, MySQL, Azure  
feb 2023 - jul 2023



### Smart Systems for Industry

### | Academic Project

Order management system for products stored in a fully robotized warehouse, populated with pick up guided vehicles. Integrated project of all course units taught through the semester. Technologies: Java, JUnit, Spring, C, H2 SQL  
feb 2022 - jun 2022



### Karby

### | Update Code Battle 2022

AI developed in 4 hours for a self-driving robot car in TORCS, an open source racing simulator. 3rd prize winner. Technologies: C++  
apr 2022

## SKILLS

### Programming Languages



### Software Tools

