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 Profiency

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: 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

Java   C   C   python   Lua   ORACLE SQL PL/SQL

Software Tools

Jenkins   git   Jira Software   docker   unity