

Catarina Oliveira PIRES

PERSONAL DATA

DATE OF BIRTH: 1 March 2001
PERSONAL WEBSITE: <https://catarinaopires.github.io/>

EXPERIENCE

- | | |
|------|--|
| 2024 | Research grant - 3 months at <i>INESC TEC</i> Master Thesis
"Evaluating Dense Model-based Approaches for Multimodal Ad hoc Search" - Dissertation on information systems, intelligent systems, and computer vision, focusing on applications in the medical field. |
| 2022 | Research grant - 8 months at <i>INESC TEC</i>
Worked in the project <i>EPISA</i> (Entity and Property Inference for Semantic Archives), performing data migration between ontologies and evaluating the process, using SPARQL. |

RELEVANT PROJECTS

GitHub | <https://github.com/catarinaopires>

COMPUTER SKILLS

Working experience with: PYTHON, JAVASCRIPT, JAVA, C++, C, SQL/SQLITE3/POSTGRESQL, SPARQL, REACTJS, REACT NATIVE

Other skills: NODEJS, LARAVEL, HASKELL, PROLOG

EDUCATION

- | | |
|-----------|---|
| 2022-2024 | MSc. in Informatics and Computing Engineering,
Faculty of Engineering, University of Porto, Porto
AVERAGE: 18 / 20 |
| 2019-2022 | BSc. in Informatics and Computing Engineering,
Faculty of Engineering, University of Porto, Porto
AVERAGE: 17 / 20 |
| 2011-2016 | Basic Music Course,
Academia de Música da Sociedade Filarmónica Vizelense, Vizela |

PUBLICATIONS

- | | |
|------|---|
| 2024 | "Enhancing LLMs with Knowledge Graphs for Academic Literature Retrieval"
KDIR 2024. <i>accepted</i> |
| 2023 | "From ISAD(G) to Linked Data Archival Descriptions"
TPDL 2023. https://doi.org/10.1007/978-3-031-43849-3_27 |

RELEVANT CERTIFICATES

Cambridge English	First Certificate of English (FCE) CEFR Level: B2
Scholarships	E-REDES Top Women Scholarship 2023 2 nd edition
Excellence Student	Middle and High School Awards 2012-2019

LANGUAGES

PORTUGUESE: Mother-tongue
ENGLISH: Fluent