

CURRICULUM VITAE

RICARDO FERREIRA GUIMARÃES

DATE OF BIRTH: JULY 10, 1992

WORK EXPERIENCE

- 12/2020 – Present Department of Informatics, University of Bergen, Norway
Full-time postdoctoral research fellow on the ERC project “Lossy Preprocessing” (LOPRE) - 70% research/ 30% teaching
- Research: collaborate with peers inside and outside the university, and communicate the results in publications and scientific venues.
 - Teaching: prepare courses and activities, and deliver lectures.
 - Co-supervision of master and PhD students.
- 03/2020 – 11/2020 Free University of Bozen-Bolzano, Italy
Full-time research assistant (postdoc) on the project “PAC Learning with Ontologies” (PACO)
- Research: collaborate with peers inside and outside the university, and communicate the results in publications and scientific venues.
- 04/2018 – 12/2018 Information Management Group, University of Manchester, UK
Full-time Research Internship Abroad connected to the PhD research and funded by São Paulo Research Foundation (FAPESP)
- Research: collaborate within the group on empirical aspects and implementations of Ontology Repair.
- 03/2013 – 02/2015 Institute of Mathematics and Statistics, University of São Paulo, Brazil
Part-time internship as a System Administrator at Rede Linux - IME/USP
- Maintenance and development of the computer network that supports the institute's undergraduate students.

EDUCATION

- 2020 Institute of Mathematics and Statistics, University of São Paulo, Brazil
PhD in Computer Science
Thesis: Modularity in Belief Change of Description Logic Bases
- 2014 Institute of Mathematics and Statistics, University of São Paulo, Brazil
BSc in Computer Science (Honourable Mention)
Bachelor Project: Extensions to the AML ontology aligner

LANGUAGE SKILLS

- English: C1 (IELTS Academic 2018)
- Norwegian: Basic
- Portuguese: Mother-tongue

IT SKILLS

- Programming: Python, Java, C, Rust
- Python for Data Science (Intermediate)
- Relational Databases (Basic): SQL, Postgres
- Semantic Technologies (Advanced): RDF(S), OWL, SPARQL, OWL API, Apache Jena, Protégé
- General Tools: GNU/Linux, Office Suites, LaTeX, Git
- Paradigms/Methodologies: Object-Orientation, MVC, Concurrent Programming, Extreme Programming

- Selected papers and publications:
 - Guimarães, R., Ozaki, A., S. Ribeiro, J.: Finite Based Contraction and Expansion via Models. AAAI 2023 (to appear)
 - Persia, C., Guimarães, R.: RIDDLE: Rule Induction with Deep Learning. NLDL 2023 (to appear)
 - Guimarães, R., Ozaki, A.: Reasoning in Knowledge Graphs. AIB 2022
 - Guimarães, R., Ozaki, A., Persia C., Sertkaya, B.: Mining EL Bases with Adaptable Role Depth. AAAI 2021
 - Co-organiser of the research school AI in Bergen 2022
 - Relevant teaching: INF267 21H - Selected Topics in AI (Ontologies and Knowledge Graphs)
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