

RICARDO FERREIRA GUIMARÃES

PERSONAL DATA

Full Name	Ricardo Ferreira Guimarães
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Phone number	+47 48 48 03 81
Date of Birth	July 10 th , 1992
Address	Grønningen 4B - 5055, Bergen, Norway
Nationality/Citizenship	Brazilian
Personal Website	https://rfguimaraes.github.io/

WORK EXPERIENCE

12/2020 – Present	Department of Informatics, University of Bergen, Norway <i>Full-time postdoctoral research fellow</i> <ul style="list-style-type: none">• 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 <i>Full-time research assistant (postdoc) on the project “PAC Learning with Ontologies” (PACO)</i> <ul style="list-style-type: none">• Research: collaborate with peers inside and outside the university, and communicate the results in publications and scientific venues.
04/2018 – 01/2019	Information Management Group, University of Manchester, UK <i>Full-time Research Internship Abroad connected to the PhD research and funded by São Paulo Research Foundation (FAPESP)</i> <ul style="list-style-type: none">• 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 <i>Part-time internship as a System Administrator at Rede Linux - IME/USP</i> <ul style="list-style-type: none">• Maintenance and development of the computer network that supports the institute's undergraduate students.

EDUCATION

03/2015 – 01/2020	Institute of Mathematics and Statistics, University of São Paulo, Brazil <i>Full Time PhD in Computer Science</i> Thesis: Modularity in Belief Change of Description Logic Bases
02/2011 – 12/2014	Institute of Mathematics and Statistics, University of São Paulo, Brazil <i>Full Time BSc in Computer Science (Honourable Mention)</i> Bachelor Project: Extensions to the AML ontology aligner

LANGUAGE SKILLS

- English: Proficient
- Norwegian: Basic
- Portuguese: Mother-tongue

IT SKILLS

- Programming: Java, Python, C, Rust
- IBM Data Science Professional Certificate (in progress)
- Semantic Technologies (Advanced): RDF(S), OWL, SPARQL, OWL API, Apache Jena, Protégé

- General Tools: GNU/Linux, Office Suites, LaTeX, Git, SQL
- Paradigms/Methodologies: Object-Orientation, MVC, Concurrent Programming, Extreme Programming (Agile)

MISCELLANEOUS

- Selected papers and publications:
 - Guimarães, R., Ozaki, A., S. Ribeiro, J.: Finite Based Contraction and Expansion via Models. AAAI 2023
 - Persia, C., Guimarães, R.: RIDDLE: Rule Induction with Deep Learning. NLDL 2023
 - Josang J., Guimarães R., Ozaki A.: On the Effectiveness of Knowledge Graph Embeddings: a Rule Mining Approach. KR4HI 2022
 - 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
 - Matos V. B., Guimarães R., Santos Y. D., Wassermann R.: Pseudo-contractions as Gentle Repairs. Description Logic, Theory Combination, and All That 2019
 - Co-organiser of the research school AI in Bergen 2022
 - Selected Invited Talks:
 - Belief Change with Models as Input: Adapting Expansion and Contraction. IRL 2022
 - Reasoning in Knowledge Graphs. AIB 2022
 - Learning and Reasoning with Knowledge Graphs and Ontologies. CEDAS Networking Event 2022
 - Relevant Teaching:
 - INF 367-21H: Selected Topics in Artificial Intelligence (Ontologies and Knowledge Graphs)
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