

Rennan Cordeiro Lima

Github: github.com/rennancl

LinkedIn: [linkedin.com/in/rennancl](https://www.linkedin.com/in/rennancl)

LATIN Laboratory - Computer Science Department, Federal University of Minas Gerais, Belo Horizonte, Brazil

Email: rennancl@gmail.com

Mobile: +55-31-98348-6510

Homepage: <https://rennancl.github.io/>

EDUCATION

- **Federal University of Minas Gerais** Belo Horizonte, MG, Brazil
M.Sc. in Computer Science. Area: Information Retrieval
March 2021 - Present
- **Federal University of Minas Gerais** Belo Horizonte, Brazil
B.Sc. in Computer Science
March 2018 - March 2021
- **Federal University of Minas Gerais** Belo Horizonte, Brazil
B.Sc. in Electrical Engineering (Incomplete)
March 2016 - March 2018

SKILLS SUMMARY

- **Programming:** Python, C, C++, SQL, Bash
- **Tools and Frameworks:** Django, PyTorch, Apache Spark, Docker, GIT, Elasticsearch, HuggingFace, Google Colaboratory
- **Platforms:** Linux, Web
- **Languages:** Portuguese (Native), English (Professional Working Proficiency), Spanish (Beginner)

EXPERIENCE

- **Federal University of Minas Gerais - DCC - MPMG** Belo Horizonte, MG, Brazil
Research And Development Tech Lead
March 2021 - Present
 - **Activities:** Working as Tech Lead in a crawler configuration software development team. The team works for a project funded by the Public Ministry of Minas Gerais (MPMG)
 - **Experience:** Working with software development team, first time as Tech Lead
- **Federal University of Minas Gerais - DCC - MPMG** Belo Horizonte, MG, Brazil
Research And Development Specialist
March 2021 - Present
 - **Activities:** Implemented a search engine for Brazilian public data using Elasticsearch. Implemented dense retrieval models using Transformers. This project is funded by the Public Ministry of Minas Gerais (MPMG)
 - **Experience:** Working with state-of-the-art information retrieval models and techniques.
- **Studio Sol** Belo Horizonte, MG, Brazil
Data Scientist
January 2021 - March 2021
 - **Activities:** Implemented music recommender systems, which included data analysis, modeling and storing.
 - **Experience:** First time working with modern microservice architecture systems in production with millions of users.
- **Studio Sol** Belo Horizonte, MG, Brazil
Data Scientist Intern
August 2019 - January 2021
 - **Activities:** Implemented music recommender systems, which included data analysis, modeling and storing.
 - **Experience:** First time working with modern microservice architecture systems in production with millions of users.
- **Federal University of Minas Gerais - DCC - MPMG** Belo Horizonte, MG, Brazil
Research And Development Specialist
January 2020 - March 2021
 - **Activities:** Implemented various crawlers to collect Brazilian government public websites. Also, implemented multiple data processing scripts and software submodules to a crawler configuration software. This project was funded by the Public Ministry of Minas Gerais (MPMG)
 - **Experience:** Worked with software development, first time in a team
- **Federal University of Minas Gerais - DCC - IBGE** Belo Horizonte, MG, Brazil
Research And Development Specialist
October 2020 - March 2021
 - **Activities:** Implemented Python scripts to retrieve Brazilian shopping places' websites using Google Maps API. Implemented online prices retrieval system, with crawlers to multiple online shopping platforms, to create a online price index for the Brazilian Institute of Geography and Statistics (IBGE)
 - **Experience:** Worked with machine learning and data processing
- **Federal University of Minas Gerais - DCC** Belo Horizonte, MG, Brazil
Undergraduate Student Researcher
January 2018 - August 2019
 - **Activities:** Worked on a name disambiguation algorithm using Apache Spark in the context of academic data. Worked on captcha-solver algorithms, web development, and crawlers to retrieve Lattes' platform data.
 - **Experience:** First research experience

PUBLICATIONS

- **On the presence of abusive language in mis/disinformation.:** Breno Matos, **Rennan C. Lima**, Jussara M. Almeida, Marcos Gonçalves, and Rodrygo L. T. Santos. In Proceedings of the 13th International Conference on Social Informatics, Glasgow, UK, 2022. Springer.
- **On extractive summarization for profile-centric neural expert search in academia:** **Rennan C. Lima** and Rodrygo L. T. Santos. In Proceedings of the 45th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval, Madrid, Spain, 2022. ACM.

HONORS AND AWARDS

- Awarded to the second top student in Bachelors degree