

RAYAN RADDATZ DE MATOS



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GitHub



LinkedIn



Lattes

EDUCATIONAL BACKGROUND

Bachelor's Degree in Computer Science - 5th Semester

Federal University of Rio Grande do Sul (UFRGS)

Oct. 2023 – present

Porto Alegre, Brazil

- Academic Index (I3): 9.89

EXPERIENCE

Undergraduate Student Researcher

Parallel and Distributed Processing Group (GPPD), Institute of Informatics (INF) – UFRGS

Sep. 2024 – present

Porto Alegre, Brazil

- Conducted performance analysis of OpenMP tracing tools for task-based parallel applications under the supervision of Prof. Dr. Lucas Mello Schnorr.

Undergraduate Teaching Assistant – (INF01202) Algorithms and Programming

Institute of Informatics (INF) – UFRGS

Mar, 2024 – Jul, 2024

Porto Alegre, Brazil

- Mentored first-year students in C programming and algorithm design concepts.

PUBLICATIONS

Intrusiveness and Scalability of OMPT-Based Tracing Tools for Task-based OpenMP Applications

Rayan Raddatz de Matos, Lucas Mello Schnorr

Oct. 2025

SSCAD

Dynamic Load Balancing and Scalability Analysis of the Mandelbrot Set in a Multi-Threaded HPC Application

Francisco Etcheverria, Rayan Raddatz de Matos, Kenichi Brumati, Lucas Mello Schnorr

Oct. 2025

SSCAD-WIC

Quantificando o impacto do rastreamento em aplicações paralelas OpenMP baseadas em tarefas

Rayan Raddatz de Matos, Lucas Mello Schnorr

Apr. 2025

ERAD-RS

SKILLS

- **Programming:** C, C++, Python, Bash (Shell Script), R, Java
- **Tools:** Git (and GitHub), LaTeX, Linux, OrgMode

LANGUAGES

- **Portuguese** – Native
- **English** – Advanced
- **French** – Beginner

OTHER ACTIVITIES

Fundo Amanhã - AmanhãTec

Awarded the AmanhãTec scholarship, allowing for full dedication to academic excellence and the development of both technical and interpersonal skills.

Oct. 2023 – Oct. 2025

Porto Alegre, Brazil

GameJam+

Second place in the regional phase of the GameJam+ for two consecutive years (2024 and 2025)

2024 and 2025

São Francisco de Paula, Brazil

SBC Programming Marathon

Competed in the regional phase of the "Maratona SBC de Programação" in 2024 and 2025.

2024 and 2025

Porto Alegre, Brazil

Volunteering – School Library Érico Veríssimo

Contributed to the library's digitization efforts and managed daily operations such as cataloging, shelving, and book lending.

Sep. 2022 – Dec. 2022

Gravataí, Brazil