

# 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