

Paulo Henrique Brito de Souza

Porto Alegre, RS

Brazil

📞 (+55) 54 9951-0753

✉ paulohbs2001@gmail.com

in [linkedin.com/in/paulo-de-souza-b254001a1](https://www.linkedin.com/in/paulo-de-souza-b254001a1)

Summary

Undergraduate student, researcher of numerical simulation, mechanical tests and experience in development of automotive racing prototypes.

Work Experience

Jun 2025 – **Undergraduate Research Scholar**, *Laboratório de Metalurgia Física (LAMEF) – UFRGS*,
Current Porto Alegre
Research on numerical methods and mechanical tests.

Oct 2023 – Jun 2024 **Undergraduate Research Scholar**, *Laboratório de Metalurgia Física (LAMEF) – UFRGS*,
Porto Alegre
Research on numerical methods and MATLAB programming language.

Sep 2025 – **Project Manager**, *RS Racing – UFRGS*, Porto Alegre
Current People and project management and brake design.

Jul 2024 – Sep 2025 **Member Board of Directors**, *RS Racing – UFRGS*, Porto Alegre
People management.

Mar 2023 – Jul 2024 **Executive Team**, *RS Racing – UFRGS*, Porto Alegre
People and project management.

Nov 2022 – Sep 2023 **Team Manager**, *RS Racing – UFRGS*, Porto Alegre
Brake design and project management.

Nov 2021 – Mar 2023 **Technical Team Member**, *RS Racing – UFRGS*, Porto Alegre
Product design and maintenance

Education

Jun 2021 – **Mechanical Engineering Undergraduate** – Universidade Federal do Rio Grande do Sul
Current (UFRGS) Porto Alegre

2017 -2019 **High School** – Escola Estadual Técnica Caxias do Sul (EETCS) Caxias do Sul

Languages

Portuguese Native

English Fluent

Volunteer Activities

2024 **Rio Grande do Sul Floods** – Community assistance and shelter allocation management.

Skills

Abaqus CAE, Abaqus ASI, SolidWorks, MATLAB, Python, C++, AutoCAD

Additional Experiences

2023 7° Place at Formula SAE National Championship – Piracicaba, São Paulo.

2014 – 2020 Swimming Athlete