

Lucas Miranda Mendonça Rezende

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[GitHub Profile](#)

[LinkedIn Profile](#)

Education

Bachelor in Computer Science

University of São Paulo (USP)

2021 - 2025 (expected)

- Business emphasis with focus on Financial/Economic studies

Exchange Program (Full Scholarship)

Technical University of Braunschweig - Germany

April 2024 - September 2024

Professional Experience

Short-term Software Development Intern | IBR

July 2024 - September 2024

- Successfully implemented layer 3 multi-connectivity solution for RIOT OS network stack
- Enhanced system performance through innovative networking solutions

Project Experience

Portfolio

- View my work at lucas.io/portfolio

PagBank Hackathon 2024 - Vice Champion

- Led backend development implementing AI-driven educational solutions
- Developed data-focused architecture using Python

Research Project - Computational Economics

October 2021 - September 2022

- Developed tax model implementation combining computer science and economics
- Successfully coordinated cross-functional team of mathematicians and economists
- Implemented final solution using Python

USP Computing Week - Marketing Lead

2022 - 2023

- Led marketing initiatives resulting in 100% registration increase in 2022
- Achieved 500% growth in participant registration for 2023 edition

Technical Skills

Programming Languages: Java, C/C++, Python, JavaScript, PHP

Web Technologies: HTML, CSS, Node.js (Express, Mongoose), Angular

Databases: MongoDB, MySQL

Tools & Platforms: Docker, Git, Linux, Shell Scripting

Business Software: Excel, PowerPoint, Word

Design Tools: Photoshop, Illustrator

| Languages

Portuguese: Native

English: Fluent (TOEFL 100)

German: Basic