

# LUCAS C. ALVES

## Computer Science Undergraduate

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 Latest Resume Currículo (PT-BR)

## PROFESSIONAL SUMMARY

Computer Science undergraduate with experience in software engineering and problem solving skills, comfortable shifting roles as needed in group projects without disrupting team workflow.

## TECHNICAL SKILLS

Languages

Python

JavaScript

HTML

CSS

Databases

MySQL

Tools

Git

LaTeX

Excel

## LANGUAGES

Portuguese | Native | C2

English | Fluent | C2

## EDUCATION

B.Cs. in Computer Science  
CESUCA | Centro Universitário  
 2024/S1 – 2027/S2 RMPA, RS  
Scholarship: Full Tuition; GPA of 3.46.

Santander Open Academy  
 Business English Online  
Course on communication skills for business.

## PROJECTS

Web Experience / Framer

UI & UX Design 

Demo

- Architected a hierarchy content system with centralized assets, enabling global updates from a single source.
- Developed responsive UI with adaptive layouts to ensure consistent usability across devices.
- Improved UX by adapting navigation and interaction patterns to accommodate limited screen space.

Data Experience / HTML5 • CSS3 • JavaScript

Data Modeling System 

Demo

- Designed a simulation tool to generate consistent datasets.
- Implemented statistical logic for sample sizing and data generation, enabling controlled and repeatable analysis.
- Integrated CSV data export for support of external analysis.

## ACADEMIC PAPERS

Research & Reports

- Alves, L. C. (2025/S2). "critical analysis of 'a teoria da computação e o profissional da informática'". **Unpublished.**
- Alves, L. C. (2025/S1). "experimental study on the response times of a database search algorithm". **Unpublished.**
- Alves, L. C. (2024/S1). "deepfakes as a vector for misinformation & biometric security threats". **Unpublished.**

## REFEREES

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