

# LUCAS C. ALVES

## Computer Science Undergraduate

Brasileiro

Porto Alegre, RS, Brazil

NyLucasCastro@gmail.com

+55 (51) 9412-6318

nyl42

NyL42

Latest Resume

Curriculum (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 Unpublished.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 Unpublished.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 Unpublished.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

### MSc. Deisi Luana Diel Weber

Curriculum Vitae ↗

Deisiweber@cesuca.edu.br

+55 51 9681-4997

Academic Connection

### Dr. Evaldo Reis Furtado Junior

Curriculum Vitae ↗

Evaldo.Furtado@cesuca.edu.br

+55 51 8200-2525

Academic Connection

### MA. Arthur Marques de Oliveira

Curriculum Vitae ↗

Amarques@cesuca.edu.br

+55 51 9710-4090

Academic Connection