#### **EDUCATION**

## University of Colorado, Boulder, CO

Bachelor of Science in Computer Science, GPA: 3.5/4.0

Aug. 2020 - May 2024

### Escola de Belas Artes, Curitiba, Brazil

Bachelor of Arts in Music - Composition and Conducting

Jan. 2011 - Dec. 2014

#### **EXPERIENCE**

Front-End Developer Intern | Javascript, HTML, SCSS, React.js, Angular, TypeScript, Figma

Otto Informatica (Remote)

Sept. 2022 - Dec. 2022

- Implemented UI Design using BEM CSS norms for the <u>Petwell website</u>
- Implemented forms, database storage, responsive layout, animations, carousels, and buttons plus functionalities using React and Angular Material
- Worked with a Front-End team of two in conjunction with Designers using Figma
- Followed the architecture of the project in coordination with the Back-End team
- Carried out Test Driven Development

## **Guitar Instructor**

Self-Employed

Jan. 2015 - Aug. 2022

• Instructed students of all ages in music theory and guitar performance

#### **PROJECTS**

# Image Processing Project | Python, Unix Shell Script

- Built a program in Python with ten different image processing tools
- Uploaded images, altered them using image processing algorithms, and exported the new images
- Wrote a functional menu on Terminal

# **Space Invader Game** | *Pygame, Python Libraries*

- Created a game in Pygame with movement, levels, sound, and images
- Used classes, attributes, functions, and built-in Python libraries
- Developed the menu and screen design

# **Auto Complete Tool** $\mid C++$

- Implemented a Trie Node data structure in C++ that stores and returns a list of words
- Used algorithms for search, delete, and print functions
- Carried out Test Driven Development

## RSA Algorithm in Cryptography | Python

• Developed a two-key algorithm in Python for encrypting and decrypting data

### TECHNICAL SKILLS

Languages: Python, C++/C, Javascript, HTML, SCSS, CSS, TypeScript, Unix Shell Script

Frameworks: React.js, Angular

Developer Tools: Git, VS Code, Jupyter, Pycharm, Figma, Tableau

Office Tools and Approaches: Microsoft and Apple software and products, Agile/Scrum methodology

**Certifications:** "React JS Web Development - The Essentials Bootcamp" from Udemy

## WORK AUTHORIZATION AND LANGUAGES

Work Authorization: U.S. Citizen; English: Fluent, Portuguese: Native