



# ANDRÉ FERNANDES

Software Developer

 Florianópolis - SC  
 +55 (48) 991 673 945  
 fpf.andre@gmail.com  
 github.com/andrefpf

## EXPERIENCE

- 2022 – 2023  
part time **Backend Developer Trainee** **Cognyte**  
I've worked mainly updating the legacy codebase to modern C++ and fixing bugs as well.  
C++ / Python / Git / Docker / Boost
- 2019 – 2022  
part time **Python Developer** **Laboratório de Vibrações e Acústica (LVA) - UFSC**  
We've created a engineering software in python to simulate acoustic pulsation in process unit pipelines. Project developed by Grupo de Otimização (g.ot.), in partnership with Petrobras.  
Python / Git / PyQt / VTK / Matplotlib
- 2017 – 2018  
part time **Adiministrative Assistant** **NSC TV**  
NSC TV is a corporation affiliated to Globo, the biggest broadcasting corporation in Brazil. NSC TV covers the state of Santa Catarina.

## EDUCATION

- 2019 – 2024 **Bachelor in Computer Science**  
**Universidade Federal de Santa Catarina - UFSC**  
Method to solve the target rate problem in Light Fields encoding according to JPEG Pleno Part 2 - 4DTM standard.

## LANGUAGES

**Portuguese** - Native  
**English** - Fluent

## TECHNOLOGIES

Python  
C++  
Javascript  
Rust  
LaTeX  
Git  
Docker

## TOPICS OF INTEREST

Data Compression  
Computer Graphics  
Physics Simulation  
Formal Languages  
Open Source