

# Artur Barichello | Curriculum

Florianópolis – Brazil

✉ artur@barichello.me

📄 GitHub: [github.com/abarichello](https://github.com/abarichello) | Project Portfolio: [barichello.me](https://barichello.me)

## Work Experience

---

### KHOMP

#### Software Developer Internship

Telecom Solutions team

November 2019-Present

- Worked with the Telecom Solutions team to fix issues and add new functionality to the UMG family of Media Gateways.
- Used C++ for backend and voice processing of multiple simultaneous calls.
- JavaScript for the web interface that configures the media gateway.
- Tested the project's basic call routing functionality using Python and the Behave behaviour-driven test suite.
- Later migrated to a new unannounced cloud project that uses Rust/JavaScript/Python.

### GETMORE Brasil

#### Back-end Developer

March 2018-November 2019

- Started developing a cross-compiled desktop client in C++ for Windows XP machines to detect sales and register cashback transactions, together with a Go backend.
- Used Postgres to store user, sales and transaction data.
- Developed a TypeScript backend using functional programming libraries for route validation.

## Education

---

### Computer Science Bachelor's Degree

Universidade Federal de Santa Catarina

*in progress*

## Projects

---

**W (Haxe)**: Multiplayer game written in Haxe. I'm also developing a network protocol from scratch to connect multiple players while exporting web, native clients and a C++ backend.

**godot-ci (Dockerfile/CI)**: Dockerfile used to export a Godot Engine project into multiple targets through GitLab CI and GitHub Actions. Also includes multiple CI examples to get started.

**Unity engine mods (C#)**: Created multiple mods for Unity-based games by decompiling the game's code. Modifications include adding a 'noclip' or 'free camera' mode to games and some quality of life improvements.

**ENE (Elm)**: Web frontend developed using the Elm language to display visually the approval rate of UFSC's classes using public CSV data.

## Extracurricular

---

### Caravela Hacker Club

Member - [github.com/caravelahc](https://github.com/caravelahc)

INE - UFSC

October 2017-present

## Languages

---

**Portuguese**: Native language

**English**: Fluent