

Luiz Guilherme Chagas Moraes JARDIM

PERSONAL DATA

PLACE AND DATE OF BIRTH: Rio de Janeiro, RJ | November 8th, 1989
ADDRESS: Avenida Infante Dom Henrique, 418, R/C Esq. Frt.,
Vila Nova de Gaia, Porto, Portugal
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PRESENTATION

Dear recruiters,

I've been working as a developer for three years, programming mainly in **C++**, **Java** and recently **Python**. I have experience in many other technologies and also in leadership roles. What I enjoy the most in programming is documenting, writing unit tests and refactoring legacy code. My extensive background in Mathematics, Science and Education sometimes come in handy.

My goal is to learn as much as possible. Software development is a field where there are many multi disciplinary projects with a lot different subjects and technologies to learn about. I also work on personal projects when I have the time, and document them on my blog. I try to use these projects also to come into contact with technologies I have not yet been able to work professionally with.

For more details, please go to luizchagasjardim.github.io

WORK EXPERIENCE

JUNE 2019	Consultant at NATIXIS through ALTRAN
CURRENT	Working on a financial software called Summit
MARCH 2016	Systems analyst at BRAZILIAN NAVY RESEARCH INSTITUTE
MARCH 2019	Development of a ship's engine room simulator for the Mercantile Navy Responsible for the control module (C++), maintaining the mathematical models (C++/Fortran) and communication between these components and the graphical interface (Java); Also responsible for the test module (C++/Java), which uses a .json file to simulate user operations and verifies the outcomes given by the models. It also checked the validity of FXML, XML and the database (Postgres). These tests were run using Gitlab's CI. Modifications on the database (pgSQL), graphical interfaces (JavaFx) and model analysis (XML, Simulink).
DECEMBER 2015	Temporary Professor at RIO DE JANEIRO STATE UNIVERSITY
JANUARY 2015	Undergraduate Calculus and P.D.E.
DECEMBER 2011	Tutor at RIO DE JANEIRO STATE UNIVERSITY
JANUARY 2010	Undergraduate Calculus and Algebra. Graduate Advanced Calculus and Continuum Mechanics.
DECEMBER 2009	Tutor at PH
SEPTEMBER 2009	Math tutor for middle school and high school

EDUCATION

- DECEMBER 2016 PhD IN MECHANICAL ENGINEERING
Universidade do Estado do Rio de Janeiro, PPGEM
Research Area: Transport Phenomena
Thesis: “A hyperbolic model for saturated-unsaturated transition simulation in porous media”
Advisor: Rogério Martins Saldanha da Gama, PhD.
Co-Advisor: José Julio Pedrosa Filho, PhD.
- JULY 2014 MSC IN MECHANICAL ENGINEERING
Universidade do Estado do Rio de Janeiro, PPGEM
Research Area: Transport Phenomena
Thesis: “A new description of mass tranfer in porous media with saturated-unsaturated transition”
Advisor: Rogério Martins Saldanha da Gama, PhD.
Co-Advisor: José Julio Pedrosa Filho, PhD.
- December 2012 UNDERGRADUATE DEGREE IN MATHEMATICS
Universidade do Estado do Rio de Janeiro, IME
Thesis: “Cauchy Stress Tensor”
Advisor: José Julio Pedrosa Filho, PhD.

LANGUAGES

- BRAZILIAN PORTUGUESE: Native
ENGLISH: Advanced