Luiz Guilherme Chagas Moraes Jardim

Personal Data

Place and Date of Birth:	Rio de Janeiro, RJ | November 8th, 1989
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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** and **Scala**. I have experience in many other technologies, and also in leadership roles and teaching. 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 comes 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 professionaly with, such as JavaScript, HTML, CSS, Scala, game engines and many interesting libraries and frameworks.

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

Work Experience

June 2019 Current	Consultant at Natixis through Altran Working on a financial software called Summit
March 2016 March 2019	Systems analyst at Brazilian Navy Research Institute Development of a ship's engine room simulator for the Mercantile Navy Responsible for the control module (C++), mantaining the mathematical models (C++/Fortran) and communication between these components and the graphical interface (Java); Also reponsible 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 January 2015	Temporary Professor at Rio de Janeiro State University Undergraduate Calculus and P.D.E.
December 2011 January 2010	Tutor at Rio de Janeiro State University Undegraduate Calculus and Algebra. Graduate Andvanced Calculus and Continuum Mechanics.
December 2009 September 2009	Tutor at Ph 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