

Luiz Rodrigo de Souza

Tijuca, Rio de Janeiro
Brazil

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SKILLS

Languages: Native portuguese and fluent english.
Programming languages: R, Python, C, C++, C#.
Libraries and frameworks: Rcpp, Shiny, NumPy, SciPy, Pandas, Boost, .NET.
Database systems: PostgreSQL, MySQL, SQL Server, Oracle.

EXPERIENCE

Econometric Traces, Rio de Janeiro, RJ June 2016 — present

As an intern, I develop and evaluate econometric and statistical models and code data visualization tools. The language R is used in all steps, from data collection to numeric computing.

Okemar, Rio de Janeiro, RJ April 2016 — present

I lectured the courses *Scientific Computing for Oceanographers with Python* and *R Language for Data Analysis*, both having a 40 hours course load.

Mathematics Institute/Federal University of Rio de Janeiro April 2016 — November 2016

Teaching assistant in *Algebra I*.

pH School (*Colégio e Curso pH*), Rio de Janeiro, RJ August 2014 — December 2015

Mathematics teaching assistant. Assisted students with homework and standardized tests preparation.

MASA Flextronics, Manaus, AM February 2012 — August 2012

As a Systems Analyst Intern, I developed software for accounting, finance and production tasks using the .NET framework. I also trained employees on using the functionalities built by our team.

EDUCATION

Federal University of Rio de Janeiro 2015 – present

Mathematics undergraduate, junior year

Nokia Foundation (*Fundação Nokia de Ensino*), Manaus, AM 2009 — 2011

Full-time technical high school, Informatics

AWARDS AND RECOGNITIONS

Brazilian Olympiad in Informatics (*Olimpíada Brasileira de Informática*)

Merit to Honor in 2011. Bronze medals in 2009, 2010 and 2012.

Hostnet's Algorithm Olympiad (*Olimpíada de Algoritmo Hostnet*)

Member of the winner trio in 2011.

Brazilian Olympiad in Robotics (*Olimpíada Brasileira de Robótica*)

State-level gold medal and national level silver medal in 2009.

Brazilian Olympiad in Astronomy and Astronautics (*Olimpíada Brasileira de Astronomia e Astronáutica*)

Silver Medal in 2011.