

Fábio Gabriel de Magalhães

Porto Alegre, Rio Grande do Sul, Brazil
GitHub: <https://github.com/fabiogm>

EDUCATION

Bachelor of Science, Applied Mathematics
Universidade Federal do Rio Grande do Sul (UFRGS), Brazil
2012-2016

Bachelor of Science, Computer Science
Universidade do Vale do Rio dos Sinos (Unisinos), Brazil
2006-2010 (Not graduated)

Technician, Information Systems
Colégio São Luís, Brazil
2001-2004

COMPUTER SKILLS

Programming Languages: Python, Ruby, Java, C, C++, R, Javascript
Tools & Methodologies: Git, Agile, test-driven development, behavior-driven development
Operating Systems & Platforms: Linux, OSX, Windows, Unix, Amazon Web Services, Google App Engine, Heroku

EXPERIENCE

Consultant Developer 2014-Present
ThoughtWorks

- Leading international retailer - extension of a large scale order routing system responsible for routing all e-commerce orders
- Leading US healthcare improvement company - creation of a data visualization and predictive platform for revenue forecasting used by contract managers
- Large US online marketing and advertising provider - implementation of a control panel for advertising campaign managers. Single Page Application using AngularJS and Ruby on Rails.
- Large Brazilian retailer - development of a Business Intelligence platform using Hive in the cloud (Amazon EMR). Interface with legacy systems using Ruby and Oracle 11g.

Freelance Developer 2012-2013

- Developed websites using Python and Javascript
- Developed a small scale CMS using Python running on Google App Engine platform
- Developed a prototype for a platform game using Python and PyGame

Software Engineer 2009 - 2011
Tools and Technologies

- Worked in the design and implementation of banking software for ATMs, using C++ (backend), HTML and Javascript(UI). Acted as a contractor for a Brazilian company which is the largest player in the segment of technologies and services for business and electronic transactions.
- Worked in the design, implementation and maintenance of firmware for storage controllers using C. Also contributed in the design, implementation and maintenance of test infrastructure using C++ under Unix. Acted as a contractor for a multinational company on a demographically distributed team.

Software Developer

2008 - 2009

Datum TI

- Worked in the design, implementation and maintenance of banking software (point of sale automation). Employed C++ for branch server and Visual Basic for points of sale using SOA architecture over DCOM.

**CONTINUING
EDUCATION**

Statistical Inference, Regression Models, Reproducible Research, R Programming, The Data Scientist's Toolbox, Exploratory Data Analysis (Parts of the online specialization in Data Science by John Hopkins University, 2014-2015)
Development of ARM7 firmware using C language (2010)
Introduction to CMMI (2008)
Italian Language, modules Basic I and II (2007)

**HOBBIES AND
INTERESTS**

Mandarin Chinese, musical composition, science fiction

LANGUAGES

Portuguese (Native), English (Full professional proficiency)