



Rafael Gomes de Oliveira Polo

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EDUCATION

Master in Information Systems - March 2010 to July 2012

Research Area: Knowledge Representation and Reasoning
Federal University of Rio de Janeiro State (PPGI/UNIRIO)

Extension in Digital Culture and Cognitive Capitalism - March to July 2010

Communication School (ECO/UFRJ)
Rio de Janeiro Federal University

Bachelor in Computer Science - 2003 to July 2009

Instituto Metodista Bennett, Rio de Janeiro, Brazil

Java Software Development - February 2006 to February 2007

Department of Electronic Computation (NCE/UFRJ)
Rio de Janeiro Federal University

Linux System Engineer - February to December 2004

M.Cury Computação
Rio de Janeiro, Brazil

Open Source Software Workshop - April 2005

Fundação Educacional Serra dos Órgãos Teresópolis, Rio de Janeiro, Brazil

Visual Basic Programming - June to December 1998

Index Informática
Nova Friburgo, Rio de Janeiro, Brazil

PROFESSIONAL EXPERIENCE

Trommsdorff + Drüner - December 2013 to January 2014

Developer for Innovation + Marketing consultants team
Berlin, Germany

Meio - 2010 to 2012

Cofounder of Meio Cowork space with Architects and Designers
Rio de Janeiro, Brazil

Cortex Intelligence - September of 2007 to November of 2008

Developer in the Competitive Intelligence and Data Mining R&D team
Rio de Janeiro, Brazil

Logical Systems - July to September of 2007

SysAdmin and Java developer of many internal applications
Rio de Janeiro, Brazil

INPP - Instituto Nacional de Pesquisas Públicas - April to July of 2004

Main developer of the Company "Planning" Software in Delphi
Teresópolis, Brazil

MeuServidor - 2002 to 2003

Cofounder of a Web Hosting Server based on Linux & PHP
Rio de Janeiro, Brazil

RECENT WEB WORKS

Av. Atlântica 1101 - 2014

Rich interactive interface which background, pictures and videos are defined based on Rio de Janeiro time zone to promote the flat at Avenida Atlântica 1101 in Copacabana.

Agenda Água na Escola - 2013

Ruby on Rails Platform developed to the Municipal Secretary of Environment of Rio de Janeiro to follow water metrics through participation of municipal schools students across the state.

Studio Zanini - 2013

From-scratch Ruby on Rails CMS and responsible webdesign platform to the Product Designer Zanini de Zanine, prestigious Design awarded in Brazil and abroad for creating furnitures.

WebDoc Graffiti - 2012

Award-winning Ruby on Rails Web documentary Platform integrating Google Maps API and Popcorj.js

Pensar Público - 2012

Website, 3-floor exhibition & Interactive Systems to inaugurate the Centro Carioca de Design at Rio de Janeiro

Etaoin Shrdlu - 2012

FTP-Based CMS with generates all typographic portfólio of Pedro Moraes artwork

Gráfica Utópica - 2011

Interactive Website calling to the collective exhibition at Belas-Artes Museum of Rio de Janeiro

Victor Haim - 2011

Innovative and inspiring Ruby on Rails CMS to present and manipulate photographer Victor Haim portfolio

Comuna - 2011

Column-based CMS developed to the cowork and multifunction space Comuna at Rio de Janeiro.

FAQ.tv - 2011

Ruby on Rails CMS integrating Vimeo and Youtube API to deliver intuitive and clean curated videos.

Razão e Ambiente - 2010

Website, Exhibition & Interactive System for Modern Art Museum of São Paulo (MAM/SP)

SELECTED SELF-INITIATED PROJECTS**Copyfight Acervo - 2013**

Data-mined dataset of rare and curated movies since the invention of the cinema.

Rastros - 2012

Traces, in english, is a open-source software project that enables real-time detection and manipulation of movements.

WikiBot - 2012

He went to wikipedia and never came back | ExtraPolo + Fratura collective

Processing Sketches - 2010

A serie of Computer Vision experiments to manipulate real-time object detections and video manipulation.

Graphs - 2010

A serie of dynamic scripts which generates different data visualization use-cases, from twitter follower-following circle to wikipedia semantic networks.

Mostre!me - 2009

Is a simple URL meta-referer with thousands of created links, meaning show!me in portuguese

Consulta Natural - 2009

Ruby implementation of the 'Natural Language Query System for RDF Repositories' from Nokia Research Center Cambridge, 2007, applied to a google talk chat agent.

BaixoGávea - 2009

It integrates google images and a simple discography domain to handle hundreds of users and thousands of album-links, besides a sophisticated torrent info panel.

Chat-RSA - 2008

ChatRSA is a software project which provides automatic RSA encryption/decryption messages in a simple safe chat box.

FELLOWSHIPS, HONORS AND AWARDS**CAPES Fellowship for Postgraduate Research - first semester of 2010**

By Brazilian Federal Ministry of Education

Dammatio Memoriae | Software-Art - 2011

Gallery & Book Publication By Memefest: International Festival of Social Responsive Communication & Art

WebDoc Graffiti Platform - 2012

Collaborative Cartographies Initiatives By Brazilian Federal Ministry of Culture

LANGUAGES

Native Portuguese, fluent English, basic Spanish, A2 level German

EXHIBITIONS

Abotoados pela Manga - September 2010

3-week art-and-politic residency during 29o São Paulo Bienal of Art São Paulo, Brazil

Galeria TAC | Vênus-Terra - January 2012 Presentation of the "Variation" artwork Rio de Janeiro, Brazil

Pensar Público - February 2012

Exhibition on dynamic and real-time city mapping Centro Carioca de Design. Studio-X, Rio de Janeiro, Brazil

SKILLS

Extreme Programming & Agile Modelling with UML

MVC System Architecture & Object-Oriented Programming

Relational Databases & SQL

UNIX, Git and shell-friendly applications

Languages: PHP, Ruby, Python & Java

Web: HTML, CSS, XML e Javascript, AJAX & APIs

Ruby on Rails, jQuery, Coffescript, HAML & SASS Processing.org Media Framework