Porto Alegre
Rio Grande do Sul, Brazil

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Employment

Software Consultant/Engineer	ThoughtWorks	2014 - Present

Gap Inc.
- Created an ecosystem of applications that enables supply chain managers to control the life-cycle of products and allocate products to stores efficiently and effectively around the world. The system supports the decision-making process by presenting metrics and forecasts.
- Extended an order routing system that fulfills all orders from the company e-commerce. Created configurable options to tune order routing process to remove stranded inventory from certain locations, optimizing profits.

Leading US Healthcare Improvement Company
- Created a web-based application for accounting reconciliation and revenue forecasting, enabling contract managers to take corrective actions sooner and increase revenue. The forecast service provided highly accurate predictions that required human intervention in less than 2% of cases.

Freelance Software Engineer		2012 - 2013

- Developed a small scale Content Management System (CMS) using Python running on Google App Engine platform.
- Developed prototypes for platform games using Python and PyGame.

Software Consultant/Engineer	Tools and Technologies	2009 - 2011

Leading Brazilian Electronic Payment Provider
- Implemented software for Automatic Teller Machines with innovative cash recycling hardware (first to operate in Brazil).

Hewlett Packard
- Extended the firmware for hardware monitoring module of a virtual storage disk array system.

Software Consultant/Engineer	Datum TI	2008 - 2009

Large Government-Owned Brazilian Bank
- Extended banking systems used by bank tellers to perform all transactions.

Education

Brazil	Federal University of Rio Grande do Sul	2012 - 2016

- B.S.c. in Applied Mathematics, December 2016.
- Relevant coursework: Calculus; Advanced Calculus; Ordinary Differential Equations; Partial Differential Equations; Statistics; Computational Statistics, Combinatorial Optimization.

Brazil	Unisinos	2006 - May 2010

- B.S.c. in Computer Science (not graduated).
- Relevant coursework: Programming in Java; Programming in C++; Data Structures; Computational Complexity; Computational Theory; Information Theory.

Languages, Technologies, Methodologies and Other

- Java (Spring, Spring Boot); Python; Ruby (Ruby on Rails); C; JavaScript (Node.js); R; C++; SQL
- PostgreSQL; MongoDB; Hive; HBase;
- Microservices, REST APIs; Event-driven Architectures; RabbitMQ; Pivotal Cloud Foundry; Amazon Web Services
- Agile software development; lean practices; test-driven development; behavior-driven development