

ALANTIEL FREIRE MARINS

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PERSONAL INFORMATION

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OBJECTIVE

To use my knowledge, in accordance with current standards of technology, always developing them in the area of advanced computing, mathematics and sciences in general.

EDUCATION

- 2014-2015 Instituto de Matemática e Estatística da Universidade de São Paulo **IME / USP**
M.S. in Computer Science at Instituto de Matemática e Estatística (IME)
- Member of the Research Group in Combinatorial Optimization and Machine Learning
 - Focus on Optimization Algorithms, Graphs and Machine Learning
- 2011-2014 Instituto de Matemática e Estatística da Universidade de São Paulo **IME / USP**
B.S. in Applied Mathematics at Instituto de Matemática e Estatística (IME)
- Second undergraduate course: focus on Linear Programming, Linear Algebra and Algorithms **IME**
- 2006-2010 Faculdade de Tecnologia **Fatec**
B.S. in Computer Science with emphasis in Business Management
- First undergraduate course: focus on OO Programming, Design Patterns, Data Structure and Algorithms

EXPERIENCE

- 2016-current **Job title:** Software Engineer
Activities : (1) Redesign of recurring payment system with new technologies such as Docker, Spring Boot (and its stack), and Reactive Programming, and (2) Creation of new PagSeguro products for card emission and management.
Employer : PagSeguro
- Study and implementation of technologies in new architecture
 - Responsible for managing agile team as Agile Master in (1) (kanban/kaizen)
 - Responsible for machine learning study group initiative in (2)

- 2015–2016 **Job title:** Full Stack Developer
Activities : Creation of web and mobile solutions for an e-commerce focused on men's grooming/hygiene products.
Employer : Men's Market
- Integration with external services in a complete shopping flow
 - Responsible for adopting agile development techniques (kanban/kaizen)
 - Data analysis
- 2012–2015 **Job title:** Systems Analyst
Activities : Analysis and development of e-commerce systems with high level programming languages
Employer : Universo Online - UOL
- Implementation of products and services of the biggest news site of Brazil with Java and PHP
 - Use of agile development techniques
 - Development of projects with MVC
 - Presentation of techniques theme on development in workshops
- 2008/09–2012/11 **Job title:** Webmaster
Company : Universo Online - UOL
Activities : Development of high court systems with client side technologies
- Implementation of products and services of the biggest news site of Brazil with Javascript/JQuery
 - Creation of rich interfaces by using HTML5
 - Working in projects with agile methodologies such as Scrum and Kanban
 - Creation of automated tests with Selenium
- 2008/05–2008/09 **Job title:** PHP programmer
Company : Savoir Tecnologia e Desenvolvimento
Activities : Development creative sites for big companies with different technologies
- Implementation of various projects for external companies with PHP and AJAX
 - Database modeling
 - Development of layouts with XHTML and CSS
- 2008/02–2008/05 **Job title:** Computing teacher for tourism students
Company : Serviço Nacional de Aprendizagem Comercial – Senac
Activities : Teaching basic computer skills and professional attitude to technical course in Tourism.
- Microsoft Office class and professional environment.
 - Internet tips and tricks
- 2006/06–2008/05 **Job title:** PHP programmer/ Web designer
Company : Mark Tecnologia da Informação
Activities : Implementation of the company's main system modules and site development of external clients
- Implementation of systems with PHP
 - Development of layouts with XHTML and CSS
 - Participation in changes of the company's system, supporting the update from version 3 to 7
 - Database modeling and maintenance
 - Development of ERP system used for sales, reports and history log

2006/02–2006/06 **Função:** Microsoft Office and web design teacher
Company : Cenap Cursos
Activities : teaching and support the automation of tasks

- Office classes
 - HTML/Javascript with and without IDE's tools
 - Database modeling for clients log
 - General systems for tests and automation of tasks
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LANGUAGES

- **Technical English** (good reading and comprehension)
 - **Technical Spanish** (good reading and comprehension)
 - **Portuguese** (native)
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OFFICIAL CERTIFICATIONS

- **SCJP** Sun Certified Java Programmer 1.5 (approved with 86%)
 - **SCJA** Sun Certified Java Associate 1.0 (approved with 82% na aprovação)
 - **MCSD 70-480** Programming with HTML5, Javascript and CSS3 (approved with 86%)
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COURSES

- **Caelum** SOA in practice: integration with web services and messaging
- **Advanced topics in programming** Summer course at IME-USP: Guilherme Puglia
- **Algorithms: Design and Analysis, Part 1** Coursera (Stanford)
- **Machine Learning** Coursera (Stanford)
- **Introduction to Mathematical Thinking** Coursera (Stanford) **with distinction**
- **Java academy** preparation for SCJP certification - Globalcode
- **Applied Mathematics** Modules: P(0), P(1), P(2), P(-1) - Prandiano course, Agnaldo Ricieri
- **Computer programmer** (Delphi, Visual Basic, logics, SQL Server e database modeling) - Senac Consolação
- **Mysql** Center for diffusion of technology and knowledge
- **Web design** (HTML, Dreamweaver, Fireworks, Flash) Cenap
- **Web Programming** (PHP, MYSQL) - UNICAMP online
- **Web Standards** (XHTML, CSS e padrões web) - UNICAMP university online
- **Office XP**(Word, Excel, Power Point, Outlook, Multimídia, MS-Dos, Frontpage, Publisher, Windows) Microcamp
- **Hardware** (maintenance of microcomputers) - Cenap
- **English** III e IV - My English Online (MEC/Capes)

- **Essentials English** I, II e III - Cel lep Paulista
 - **English** (reading and comprehension) Microcamp
 - **Spanish** (reading and comprehension) Microcamp
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SIDE PROJECTS

- **Fuvest 2013** First and second phases of the university entrance exam 2013: worked as a judge in UMC Villa Lobos
 - **IME-USP 2013** Monitor Summer Course 2013 - Application development in PHP
 - **Colégio São Domingos 2012** Judge in a term paper project (about Games and Sociology)
 - **FFLCH-USP 2008** Development of a site with dynamic content management for research project group at USP
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ACHIEVEMENTS IN COMPUTING

- **2017** 1st place - Facebook Hackathon (Facebook Journalism Project - SP)
 - **2009** Development of control of lab computers use system for Fatec
 - **2008** iMasters columnist - www.imasters.com.br
 - **2008** ACM International Collegiate Programming Contest, represented Fatec getting ranked 12th in the regional stage of São Paulo, C / C++
 - **2008** Participated in the challenge of developing Data Access with Visual Basic
 - **2007** ACM International Collegiate Programming Contest, represented Fatec getting ranked 13th in the regional stage of São Paulo, C / C++
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EVENTS AND CONFERENCES

- **Software Design in the 21st Century** at USP with Martin Fowler.
- **QCon 2015** São Paulo - The most important conference of development in the world.
- **Web Intents - A evolução dos serviços web. 2012.** I talked about web intents and its use on UOL tech day
- **The Developers Conference 2012 - Python e Front End tracks** São Paulo - Globalcode (Development with Python, Noje.js, Front End Architecture, Frameworks, Trends)
- **Google Developer Day 2011** WTC São Paulo - Google
- **Android Bootcamp** USP-GTUG, where I participated in a group of 70 students from USP
- **Applied mathematics to life** - Math Museum - São Paulo - with Agnaldo Ricieri
- **Training methods for programming challenges of Moscow University** IME-USP with Petr Mitrichev
- **Imasters Intercon 2009** São Paulo
- **HTML5** - Presentation given by representatives of W3C for UOL
- **The Developers Conference 2008** São Paulo - Globalcode (lecture by various national and international experts in Java and methodologies, including Ed Burns, Reza Rahman and Burr Sutter)

- **Social uses of the Internet 2008** Senac
 - **Internet: Past, Present and Future 2008** Senac and W3C
 - **IX Technology Week Fatec São Paulo 2008** Fatec São Paulo
 - **VIII Technology Week Fatec São Paulo 2007** Fatec São Paulo
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INTEREST AREAS

Some areas that I have more interest and focus

- **Computer science** machine learning, artificial intelligence, object-oriented and structured programming, databases, algorithms, data structures, web development
 - **Mathematics** combinatorial optimization, linear algebra, mathematical modeling
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WEBSITE

www.alantiel.com Technical features:

- **Technologies:** XHTML, PHP, AJAX, XML, XSLT, CSS, Javascript and MySQL
- **Indexed** by research tool like Google and Bing
- **XHTML** verified and validated by the agency W3C (web standards)
- **CSS** verified and validated by W3C (web standards)
- **Layout** functional on all major browsers and resolutions