

Hugo CORBUCCI

PERSONAL DATA

NATIONALITY: French-Brazilian
BIRTH: December 26, 1983
LIVING IN: São Paulo, Brazil
EMAIL: hugo.corbucci@gmail.com
BLOG: <http://codeache.blogspot.com>

EDUCATION

<i>Current</i>	Master Student in COMPUTER SCIENCE
2007	University of São Paulo , São Paulo, Brazil Thesis: “Agile Practices in an Open Source Context” Adviser: Prof. Alfredo GOLDMAN
2006	Undergraduate Degree in COMPUTER SCIENCE
2003	University of São Paulo , São Paulo, Brazil Thesis: “Archimedes: An Open Source CAD developed with eXtreme Programming and Object Orientation” Adviser: Prof. Fabio KON “Outstanding Student” by the Brazilian Computer Society
2001	Lycée Pasteur , São Paulo
1990	Bilingual Portuguese-French College and High School French High School exam <i>Baccalaureat Scientifique</i> : 14/20
1990	Public Primary School Foyatier , Paris
1986	Primary school in France

LANGUAGES

PORTUGUESE:	Native
FRENCH:	Native
ENGLISH:	Fluent
SPANISH:	Basic Knowledge

PROGRAMMING LANGUAGE KNOWLEDGE

Basic:	C, C++, Python, C#, Haskell
Intermediate:	Smalltalk, Javascript
Advanced:	Java, Ruby

INTERESTS AND RESEARCH TOPICS

- Agile Methodologies
- Open Source Software “Eco-system”
- Coding Dojo
- Integrated Development Environments

- Clean Code
- Graphical User Automated Tests
- Multi-language Applications
- Fail Recovering Applications
- Programming Languages with syntax closer to natural language ones

HIGHLIGHTS

- Generalist programmer with interests in both the technical aspects and the social aspects of programming.
- Software developer in a range of applications (from web to desktop, command-line to graphical to services).
- Highly skilled in Object Oriented programming (encapsulation, cohesion, design patterns, UML, unit testing, integration testing, mocking/stubbing and conventions).
- Highly skilled in Java technologies (SWT, Eclipse Rich Client Platform, Ant, JUnit, Swing, VRaptor).
- Highly skilled in Web technologies (Ruby on Rails, VRaptor, GWT, AJAX, JSON, Javascript, CSS, HTML, haml, sass, x-path, jquery, prototype).
- Highly skilled in software design (TDD, BDD) and version control tools (svn, git).
- Highly Experienced pair programmer and agile coach.
- Used to formal and very informal work environments.

WORK EXPERIENCE

Current
MAR 2008

AGILBITS - founder
Software Developer and Agile Consultant

Agilbits was created to supply needs of the Brazilian market in training, coaching as well as development of high quality software. I acted as the company administrator as well as software developer, consultant and coach. From the wide variety of projects developed, we had several experiences with Ruby on Rails from very simple content management systems up to image processing and submission systems. We also experiences with Java where I acted as member of a 3-5 people team that led an exploration phase development up to a full-featured product running over 25 iterations. The project is a desktop application based on Eclipse's Rich Client Platform and reached over 40000 lines of production code and 45000 lines of automated tests.

<p><i>Current</i> JUN 2007</p>	<p>AGILCOOP consultant <i>Instructor and Coach</i></p> <p>AgilCoop was founded by professors, students, and former students of the University of São Paulo (USP) to foster and spread the values and principles of agile software development in Brazil. I acted as an instructor during the summer courses on classes such as “Introduction to Agile Methods”, “Quality Software Development through Automated Tests” and “eXtreme Programming Lab” in São Paulo, São Carlos and Salvador. I also worked as coach on several projects in the academia and in the industry. AgilCoop is also responsible for organizing the “Agile Meeting” (<i>Encontro Ágil</i>), of which I was a co-organizer in 2008, 2009 and 2010. It is a local event aimed for people new to Agile methods looking for contacts with more experienced people.</p>
<p><i>Current</i> SEP 2009</p>	<p>AGILE BRAZIL - organizer <i>Webmaster, developer and review team member</i></p> <p>At Agile 2009, about 8 Brazilians got together and decided to run a country-wide conference about Agile methods in Brazil. I acted as an organizing committee member from the start, helping to form the 15 people committee, planning and implementing the marketing strategy, sponsoring contact and program of the conference. In June 2010, the conference received over 800 attendees which submitted over 150 proposals from which around 40 were selected. I worked with Danilo SATO to develop the submission system in Ruby on Rails.</p>
<p>JUN 2010 MAR 2008</p>	<p>INSTITUTO DE MATEMÁTICA E ESTATÍSTICA (IME/USP) - Teaching Assistant <i>XP Coach and programmer</i></p> <p>Teaching assistant on the eXtreme Programming (XP) discipline for 3 years in a row. Coaching and helping over 5 teams on each year. Helped implanting a scrum of scrums to make it possible to increase from 40 students to over 60 and from 5 teams up to 8.</p>
<p>JUN 2009 MAR 2007</p>	<p>INSTITUTO DE MATEMÁTICA E ESTATÍSTICA (IME/USP) - Teaching Assistant <i>Speaker, code reviewer and code critique</i></p> <p>Teaching assistant on the Object Oriented Programming and Concurrent Programming disciplines for 3 years in a row. Reviewing and correcting codes from undergraduate and graduate students as well as giving some lessons on each subject.</p>
<p>SEP 2007 DEC 2006</p>	<p>MAPS RISK MANAGEMENT SOLUTIONS - Developer <i>Software Developer and Agile coach</i></p> <p>MAPS is a software vendor providing market risk analysis solution. I joined the team that was building a new system to replace the legacy one. I worked on a 8 people team as a developer and agile coach to build a Java Web Application using Java Server Faces. I helped implanting some agile practices such as pair programming, unit testing and tracking.</p>
<p>DEC 2006 DEC 2005</p>	<p>BANCO VOTORANTIM - Intern <i>Software Developer</i></p> <p>I joined this 8 people team as the IT responsible under 2 business analysts supervision and 6 business people. Although I was supposed to maintain a running application, when most members of the team left the company, I became responsible for helping the business analysts run the area.</p>

MAR - JUN 2006 AND 2007	<p>INSTITUTO DE MATEMÁTICA E ESTATÍSTICA (IME/USP) - XP Coach <i>Team leader and programmer</i></p> <p>Worked as an XP Coach, Team leader and programmer on the eXtreme Programming (XP) discipline for 2 years in a row. I helped two very different teams develop <i>Archimedes - The Open CAD</i> from scratch to a SWT based Java application and then evolve it to an Eclipse's Rich Client Application. Coordinated an 8 and 7 undergraduate students in 2006 and 2007 respectively.</p>
OCT 2005 JAN 2005	<p>INSTITUTO DE MATEMÁTICA E ESTATÍSTICA (IME/USP) - Undergraduate Researcher <i>Ontology developer</i></p> <p>Prof. Renata WASSERMAN and Prof. Fabio KON acted as my advisers to build an ontology about Object-Orientation. The work was to be used as a basis for a text based semantic search over a few classes given by Joe Yoder.</p>
DEC 2003 JUN 2003	<p>CITY OF KNOWLEDGE - Intern <i>Webmaster</i></p> <p>I worked as a webmaster for the City of Knowledge (<i>Cidade do Conhecimento</i>) maintaining an elearning system developed in PHP.</p>

PUBLICATIONS

- **Open Source and Agile Methods: Two worlds closer than it seems.** Hugo Corbucci, Alfredo Goldman.
Proceedings of the 11th International Conference on Agile Software Development (XP 2010), Trondheim, Norway. June 2010.
- **Prototypes Are Forever: Evolving from a Prototype Project to a Full-Featured System** Hugo Corbucci, Mariana Vivian Bravo, Alexandre Freire da Silva, Fernando Freire da Silva.
Proceedings of the 11th International Conference on Agile Software Development (XP 2010), Trondheim, Norway. June 2010.
- **Open Source and Agile: Two worlds that should have a closer interaction** Hugo Corbucci, Alfredo Goldman.
Proceedings of the V Experimental Software Engineering Latin American Workshop, 2008 (ESELAW 2008), Salvador, Brazil November 2008.
- **Coding Dojo: an environment for learning and sharing Agile practices** Danilo Sato, Hugo Corbucci, Mariana Bravo.
Proceedings of the Agile Conference 2008 (Agile 2008), Toronto, Canada. August 2008.
- **Archimedes - The Open CAD: A technical drawing application based on Eclipse's platform** Hugo Corbucci, Mariana Vivian Bravo.
Proceedings of the VIII Free Software Workshop, 2007 (WSL 2007), Porto Alegre, Brazil. April 2007.
- **Archimedes: An Open CAD developed with eXtreme Programming and Object-Orientation** Hugo Corbucci, Mariana Vivian Bravo. Adviser: Fabio Kon.
Final Graduation Project, USP Institute of Mathematics and Statistics, São Paulo, Brazil. December 2006.

ACTIVITIES

AUG 2010	Speaker at TDC 2010 Conference Giving a talk about “Clean Code” in São Paulo, SP, Brazil.
AUG 2010	Speaker at DevInSampa 2010 Conference Giving a talk about “Clean Code” in São Paulo, SP, Brazil.
JUN 2010	Speaker at Agile Brazil 2010 Conference Giving a tutorial about “Agile retrospectives” in Porto Alegre, RS, Brazil.
JUN 2010	Speaker at XP 2010 Giving a 180 minutes workshop for “Coding Dojo - Kake Format”, presenting an experience report “Prototypes are forever” with Alexandre FREIRE and Mariana BRAVO, and a Kata with Danilo SATO in Smalltalk in Trondheim, Norway.
DEC 2009	Speaker at the 1st Free Software Meeting Dataprev Giving a talk about “Agile Methods in Free software contexts” in Campo Grande, MS, Brazil.
DEC 2009	Speaker at the 4th SOLISC Giving a talk about “Archimedes - The Open CAD” in Florianópolis, SC, Brazil.
Nov 2009	Speaker at ESELAW 2008 Giving a course about “Agile Methodologies” and a talk about “Agile Methods in Free software contexts” in Salvador, BA, Brazil.
OCT 2009	Speaker at Encontro Ágil 2009 Giving a talk about “Agile Methods in Free software contexts” and a workshop about “Lean Lego Game” from the work of Francisco TRINDADE and Danilo SATO in São Paulo, SP, Brazil.
AUG 2009	Volunteer at Agile 2009 with the Academic Grants in Chicago, IL, USA.
JUN 2009	Speaker at FISL 2009 Giving a talk about “Archimedes - The Open CAD”, a tutorial about “Eclipse RCP - Native desktop applications” and a workshop about “Coding Dojo” at the 10th International Forum for Free Software in Porto Alegre, RS, Brazil.
APR 2009	Proposals reviewer for FISL 2009 .
FEV 2009	Speaker at 2nd Locaweb Techday Giving a Code Kata about “Rails + RSpec + Cucumber” in São Paulo, SP, Brazil.
JAN 2009	Attended Campus Party 2009 in São Paulo, SP, Brazil.
OCT 2008	Student Volunteer at OOPSLA’08 in the Gold program in Nashville, TN, USA.
SEP 2008	Speaker at PyCon Brasil 2008 Giving a workshop about “Coding Dojo” in Rio de Janeiro, RJ, Brazil.

AUG 2008	Speaker and Volunteer at Agile 2008 Presenting an experience report “Coding Dojo: An Environment for Learning and Sharing Agile Practices” with Danilo SATO and Mariana BRAVO and working as a volunteer with the Academic Grants in Toronto, ON, Canada.
JUN 2008	Speaker at FISL 2008 Giving a workshop about “Coding Dojo” at the 9th International Forum for Free Software in Porto Alegre, RS, Brazil.
APR 2008	Proposals reviewer for FISL 2008 .
MAR 2008	Speaker at Campus Party 2008 Giving a workshop about “Archimedes - The Open CAD” in São Paulo, SP, Brazil.
JAN 2008	Speaker at GrupySP Giving a workshop about “Coding Dojo” in São Paulo, SP, Brazil.
NOV 2007	12th place on the Brazilian finals of ACM-ICPC Programming Marathon with Jeferson RODRIGUES DA SILVA and Marcio TAKASHI IURA OSHIRO in Belo Horizonte, MG, Brazil.
OCT 2007	Student Volunteer at OOPSLA’07 in the Gold program in Montreal, QC, Canada.
MAY 2007	Attended at FISL 2007 the 8th International Forum for Free Software in Porto Alegre, RS, Brazil.
JUL 2007	Co-founded Coding Dojo São Paulo with Danilo SATO and Mariana BRAVO.
APR 2006	Attended FISL 2006 the 7th International Forum for Free Software in Porto Alegre, RS, Brazil.
JAN 2006	Founded Archimedes: The Open CAD using Java and SWT.
NOV 2005	16th place on the Brazilian finals of ACM-ICPC Programming Marathon with Jeferson RODRIGUES DA SILVA and Marcio TAKASHI IURA OSHIRO in Riberão Preto, SP, Brazil.
MAR 2005	Attended FISL 2005 the 6th International Forum for Free Software in Porto Alegre, RS, Brazil.

DIVERSITY

Science Fiction Literature, Rock Climbing, Traveling, Theatre, Cinema.