

CONTACT INFORMATION	<i>Please contact me if you need my complete mailing address</i> São Paulo, SP, Brazil	<i>Phone: +55 11 9996-7766</i> <i>E-mail: contato@tiagomadeira.com</i> <i>Website: tiagomadeira.com</i>
CAREER INTERESTS	Combinatorial optimization, abstract algebra, number theory, cryptographic algorithms, programming contests, free software development, web development	
EDUCATION	<b>Universidade de São Paulo, São Paulo, SP, Brazil</b>  B.S., Computer Science, 2009 (expected graduation date: November, 2012) <ul style="list-style-type: none"><li>• “Structural recognition of objects using comparison of graphs” (2009 – 2010) Research project advised by Prof. Carlos Eduardo Ferreira and funded by CNPq.</li></ul> <b>Universidade Federal de Santa Catarina, Florianópolis, SC, Brazil</b>  B.S., Computer Science, 2008 – 2009 (incomplete) <ul style="list-style-type: none"><li>• With Honors in Calculus and Linear Algebra (Advanced Mathematic Program)</li></ul> <b>Colégio Salesiano Itajaí, Itajaí, SC, Brazil</b>  High School, 2005 – 2007 <ul style="list-style-type: none"><li>• Honored distinction in the voluntary work of creation, organization and implementation of an online game between three brazilian salesian schools</li><li>• Design and development of the institution website, working as a monitor from 2005 to 2007</li></ul>	
AWARDS	<b>Association for Computer Machinery (ACM)</b> <ul style="list-style-type: none"><li>• International Collegiate Programming Contest Honorable Mention, Sweden 2009</li></ul> <b>Brazilian Computer Society (SBC)</b> <ul style="list-style-type: none"><li>• ACM ICPC, South America Regional Silver Medal, 2008</li><li>• Brazilian Olympiad in Informatics (OBI) Bronze Medal, 2007 and 2008</li><li>• Brazilian Olympiad in Informatics (OBI) Gold Medal, 2004 and 2005</li></ul> <b>Brazilian Mathematical Society (SBM)</b> <ul style="list-style-type: none"><li>• Regional Mathematical Olympiad (ORM) Silver Medal, 2007</li><li>• Regional Mathematical Olympiad (ORM) Honorable Mention, 2005 and 2006</li><li>• Regional Mathematical Olympiad (ORM) Gold Medal, 2002 and 2004</li><li>• Regional Mathematical Olympiad (ORM) Bronze Medal, 2003</li><li>• Brazilian Mathematical Olympiad (OBM) Honorable Mention, 2002</li></ul> <b>Federacion Iberoamericana de Competiciones Matematicas (FICOM)</b> <ul style="list-style-type: none"><li>• Olimpiada de Mayo Bronze Medal, 2003 and 2005</li></ul>	
PROFESSIONAL EXPERIENCE	<i>Freelances in web development, working on server and client-side since 2002</i> <b>Some jobs</b> <ul style="list-style-type: none"><li>• Eureka Click</li><li>• Flash Idiomas</li><li>• Química Geral do Nordeste (QGN)</li><li>• Ari Pine Research &amp; Trading</li><li>• Fundação Telos</li></ul>	

OPENSOURCE CONTRIBUTIONS	<ul style="list-style-type: none"> <li>• Google Highly Open Participation Contest November 2007 – February 2008 Solved issues to SilverStripe and Drupal</li> <li>• Microdia driver for Linux Kernel Helped development of model 0c45:6260 and image sensor OV7670</li> <li>• Funções ZZ Contributed testing and sending patches</li> </ul>
TECHNICAL SKILLS	<p>Software development experience focused on computer science (mathematic and algorithms).</p> <p><b>Programming:</b> C, C++, UNIX shell scripting, Ruby, JavaScript, PHP</p> <p><b>Diagramming:</b> HTML and XHTML under tableless concepts and web standards, XML, CSS, XSLT, L<sup>A</sup>T<sub>E</sub>X</p> <p><b>Databases and applications:</b> MySql, SQLite, Wordpress, Git, Vim</p> <p><b>Operating Systems:</b> Linux, FreeBSD</p>
LANGUAGES	<p><i>Portuguese</i> native speaker</p> <p>Proficient in <i>English</i></p> <p>Learning <i>Russian</i></p>
COURSES	<p><b>Institute of Mathematics and Statistics – University of São Paulo</b></p> <ul style="list-style-type: none"> <li>• Programming Challenges (Desafios de Programação) 168 hours, Summer/2010</li> </ul> <p><b>Institute of Computing – State University of Campinas</b></p> <ul style="list-style-type: none"> <li>• Advanced Computer Programming Course (Curso de Programação Avançada de Computadores), integrant of VIII Brazilian Computing Olympiad (OBI) 35 hours, July/2006</li> <li>• Advanced Computer Programming Course (Curso de Programação Avançada de Computadores), integrant of VII Brazilian Computing Olympiad (OBI) 35 hours, July/2005</li> <li>• Advanced Computer Programming Course (Curso de Programação Avançada de Computadores), integrant of VI Brazilian Computing Olympiad (OBI) 35 hours, July/2004</li> </ul>
EVENTS	<p><b>Free software</b></p> <ul style="list-style-type: none"> <li>• Congresso Internacional do Software Livre (CONISLI) 2009 <i>Lecture on HTML 5 and CSS 3:</i> ime.usp.br/~madeira/2009/conisli.pdf</li> <li>• Fórum Internacional do Software Livre (FISL) 2008</li> <li>• Encontro Linuxchix Brasil 2006</li> </ul>