**Rodrigo Tadeu Borcat**

**Identification**

Birth date: 26/10/1987 Married, Brazilian

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**Personal Summary**

Active professional in the IT area since 2010, focused on systems development. Experienced in various areas such as research, telecommunications and games.

**Academic**

Bachelor in Computer Science

Federal University of São Carlos (UFSCar)

São Carlos, SP, Brasil.

Master's Program in Digital Maketing

LA Institute for Education and Culture Development (ILADEC).

Campinas, SP, Brasil.

**Professional Experience**

Volunteer work on Digital Inclusion at School "Estrela da Manhã", at Antenor Garcia, São Carlos/SP.

**Time:** August to December, 2008.

Volunteer work on Digital Inclusion to children, at Creche Mei-Mei, in São Carlos.

**Time:** April to June, 2009.

**Internship:** Brazilian Agricultural Research Corporation – Embrapa Instrumentação Agropecuária – São Carlos – SP

“System Automation and Classification of potatoes for consumption”:

Development of a software to digital processing of images recognizing the patterns to the selection of potatoes using an artificial neural network called MLP (Multilayer Perceptron) and the IDE Visual Studio C++ 2010.

**Time:** April to December, 2010.

**Internship/ System Development Specialist:** Daitan Group

Development of a Softswitch(VOIP) using C++, Solid Database(IBM), Java/JSP and corba, that deepened my knowledge in protocols and architectures of telecommunications. Operated from the survey/requirements analysis directly with the customers for a further creation of a requirements document to a future development of new enhancements and bug fixing. Active participation on test automation to the system. Methodology Scrum.

**Time:** January 2011 to March 2012.

**System Development Specialist:** Daitan Group

Development of three different games using HTML5 and technologies such as JavaScript, NodeJS, KineticJS, CoffeeScript, UnderscoreJS, Backbone, Mongo and Redis. In this project, I was able to learn concepts of Game Design and acted on the product architecture since its beginning. Methodology Scrum.

**Time:** April 2012 to June 2013.

**System Development Specialist:** Daitan Group

Returning to the telecommunications area; Development of an automated tool capable to performing load tests in a SIP conference by using the test tools SIPr and SIPp. Worked on several applications using technologies such as JavaScript, AngularJS, Java/JS at the frontend level - Also worked on a webservice via REST and some activities on an API that uses Hibernate.

**Time:** June 2013 until today.

**Qualifications**

English - Fluent

**Areas of expertise**

C, C++, Java, JSP, JavaScript, CoffeeScript, AngularJS, Shell Script, Ruby, HTML5, XML, CSS, Android.

Databases: Mysql, Oracle, Microsoft SQL server, Solid(IBM), MongoDB, Redis.

Application Service: Tomcat, NodeJS, Wildfly.

OS: Linux, Windows.

Telecommunication: SIP, SIPp, SIPr, wireshark/tcpdump.

Version Control: SVN, GIT e Perforce.

Open Source Computer Vision.