

Jorge Saldivar Galli

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OBJECTIVE	Position as a IDEO U and OpenIDEO - Data Analyst.
EDUCATION	<p><i>PhD candidate</i>, Information and Communication Technology, ICT Doctoral School, University of Trento, Italy (expected April, 2016).</p> <p><i>Bachelor of Science (B.Sc.)</i>, Informatics Engineering, Catholic University "Nuestra Señora de la Asunción", Paraguay, 2010. Thesis: <i>Improving cooperative and competitive behaviors on visually impaired children.</i></p>
DATA ANALYSIS PROJECT	<p><i>The Finnish Experiment:</i> Study on how collective intelligence, whether gathered by crowdsourcing and/or principles of open innovation, impacts processes of policy making.</p> <p><i>Social sharing practices in open innovation:</i> Study on the effectiveness of current social sharing practices in the context of open innovation processes for civic participation.</p>
SOCIAL IMPACT RESEARCH PROJECTS	<p><i>Club de Othello:</i> Educational project that seeks for exploiting the expressiveness of multimedia tools to help visually-impaired children in learning spatio-temporal concepts and in improving their social abilities.</p> <p><i>Agora 2.0:</i> Project that aims at combining the potential of public displays and the power of open innovation platforms to create a synchronized on-line and on-site system oriented to promote the participation of citizens in discussions regarding public concern issues.</p> <p><i>Social Ideation (PhD thesis):</i> Civic-participation project that aims at harvesting the expertise/knowledge/opinions of today's biggest virtual communities – the social networks – to drive, enrich, and complement citizen-sourcing open innovation processes.</p>
RESEARCH EXPERIENCE	<p><i>Visiting Scholar</i> July 2014 - October 2014 Center for Information Technology Research in Interest of the Society (CITRIS), University of California, Berkeley, California, USA.</p> <ul style="list-style-type: none">■ Modeled, designed, and implemented a Twitter-based extension for the platform CAFE used in the project California Report Card to engage citizens of California in the collective assessment of timely issues. <p><i>Visiting Researcher</i> October 2013 - December 2013 Information Analysis Division, Hewlett-Packard (HP) Labs, Palo Alto, California, USA.</p> <ul style="list-style-type: none">■ Designed and implemented an web-based interactive analytic tool for conducting real-time visualization of query execution.■ Developed a recommendation plugin that annotated the query tree with the most interesting results of its execution analysis, which may indicate execution problems and recommend design solutions for problem queries. <p><i>Researcher</i> November 2011 - October 2014 EU-funded BPM4People research project and Trento-province-funded Ianus project.</p>

- Researched on methodologies, techniques, and approaches to construct tools for modeling and deploying of business processes that will be executed collaboratively by people in social networks.
- Modeled, designed and implemented a spreadsheet-based tool for enabling business process (BP) analysts to conduct BP testing tasks, such as writing metrics and assertions, running tests, and designing test report.
- Designed and executed usability studies.

EMPLOYMENT

Software Developer/Head of Educational Technology January 2010 - July 2011
NGO Paraguay Educa.

- Developed and maintenance of Sugar OS apps (Labyrinth, Poll, TamTam).
- Designed, modeled, implemented and maintained the educational software stack (learning platforms, online libraries, student tracking systems) used by teachers and students in classrooms during the implementation of the project One Laptop per Child (OLPC).

Software Developer/Technology Manager March 2008 - December 2008
OLPC pilot project, Catholic University "Nuestra Señora de la Asunción"

- Mounted and maintained of Unix servers. Set up and configured OLPC XO laptops.
- Developed and customized educational applications for Sugar OS.

Software Developer March 2007 - December 2007
Azucarera Iturbe (Sugar Industry)

- Developed, tested and maintained a web-based (ruby on rails) business management system (billing, stocking, accounting, freighting, human resources)

COMPUTER AND DATA ANALYSIS SKILLS

- Languages and Frameworks: Python, Java, Javascript, PHP, SQL, Ruby, C, C++, Bash, C#, Ruby on Rails, Yii, ExtJS, Qooxdoo, Drupal, Play, JQuery, Bootstrap, Django.
- Analysis Methods and Techniques: Descriptive statistics, correlation analysis, regression models, inferential statistics, grounded theory.
- Data processing and visualization tools: R, Kettle, Ggplot, D3, Jit.
- RESTful APIs: Twitter, Google Plus, Facebook, IdeaScale, Google Translator, Google Drive, Google URL shortener.

ONLINE EDUCATION

- Regression Models - Johns Hopkins University (completed with verified certificate)
- Getting and Cleaning Data - Johns Hopkins University (completed)
- SciWrite - Stanford University (completed)
- The Global Business of Sports - University of Pennsylvania (completed)

AWARDS

- PhD student fellowship. University of Trento, Trento, Italy (2011-2014).
- PhD on the move scholarship. Trento RISE Association, Trento, Italy (2013).
- FC-UPM-IB scholarship for post-graduated studies at Universidad Politécnica de Madrid, Spain (2011).

EXTRA-CURRICULAR ACTIVITIES

- Foundation member of the non-for-profit Organization Paraguay Educa.
- Electoral delegate in local and national elections.
- Team coordinator for medium-sized seminars, retreats, talks.