Juliana Louback

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Education

Columbia University in the City of New York
Master of Science in Computer Science, Machine Learning track, December 2015

Universidade Federal do Estado do Rio de Janeiro
Bachelor of Science in Information Systems, June 2014

New York University
Brazil Scientific Mobility Program undergraduate exchange program, 2012-2013

Honors and Awards

Brazil Scientific Mobility Masters Degree Cohort 1 Program
Awarded a grant for MS study in Computer Science at the Columbia University - Fu Foundation School of Engineering and Applied Sciences. (2014)

Technical Skills

Software engineering: Object Oriented programming in Java, C#. Experience in web development front end and design using HTML, CSS, JQuery and Javascript; programming in Matlab/Octave and R; Servlets and JSP; JUnit testing; XML and Protocol buffers; a working knowledge of Python, C++, SQL querying.

Language Skills

- Fluent Brazilian Portuguese (Native)
- Fluent English

Relevant Experience

Software Engineer - Microsoft   as of 04.2016

Software Engineering Intern - Google   05.2015 - 08.2015
- Improving keyword retrieval for contextual ads, AdSense department. Data retrieval and analysis; server side code refactor and testing.

Software Engineering Intern - Google Summer of Code 2014   06.2014 - 08.2014
- Proposal "WebRTC portal for the Debian community" submitted to the Debian Project accepted for Google Summer of Code 2014.

Software Engineering Intern - **IBM**   06.2013 - 08.2013
- Developed the Domino Autonomic Server Analysis software; a tool that gathers and analyzes server data in real time so as to optimize server resource allocation and increase troubleshooting efficiency by predicting overload and providing detailed insight to the cause of abnormal behavior. Inventors: John Curtis, Colin Dunn, Juliana Louback. Patent pending.

Technical Translator - **Alta Books Editora**   05.2012 – 07.2012
- Translated the book "Head First C" (O'Reilly Media, ISBN: 978-1-449-39991-7) on the C programming language from English to Portuguese.

Software Development Intern - **Ideais**   09.2011 – 03.2012
- Software development for large scale administrative software (Java) and e-commerce systems (Java); production of upgrades for a financial software system (Groovy).

Additional Experience

xTupleCon 2014 Guest Speaker   11.2014
Unveiling of the beta version of the xTuple-JSCommunicator extension
developed in conjunction with Daniel Pocock and Steve Hackbarth.

DebConf 2014 Guest Speaker   08.2014
Hosted a workshop presenting the JSCommunicator software and the latest
additions to the Debian WebRTC portal.

Dermatologic Diagnosis through Computer Vision and Pattern Recognition   09.2013 - 06.2014
Implementation and evaluation of image analysis algorithms with the
objective of detecting melanoma in digital images of skin lesions.
Monograph written under the mentorship of Sean Wolfgand Matsui Siqueira PhD.
Presented for defense June 2014.

McKinsey & Co - Women in Tech White Paper   08.2013
Interviewed and profiled for Women in Tech white paper

Clinton Global Initiative Semi-Annual Meeting   05.2013
Guest speaker at Women Leading Women in Information and
Communication Technologies (WLW-ICT) workshop.

United Nations Conference on Sustainable Development   06.2012
Translator and aide of the Chad Mission To The UN delegation.

WiseUp – Ometz Group   05.2010 – 10.2012
English instructor for adults from basic to advanced levels.