

Juliana Louback

juliana.m.louback@gmail.com
julianalouback.com

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

Data ingestion, backend development and automated query classification for Bing Unified Delivery sports answers.

as of 04.2016

Software Engineering Intern - Google

Improving keyword retrieval for contextual ads, AdSense department. Data retrieval and analysis; server side code refactor and testing.

05.2015 - 08.2015

Software Engineering Intern - Google Summer of Code 2014

Proposal "WebRTC portal for the Debian community" submitted to the Debian Project accepted for Google Summer of Code 2014.

06.2014 - 08.2014

Software Engineering Intern - IBM

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.

06.2013 - 08.2013

Technical Translator - Alta Books Editora

Translated the book "Head First C" (O'Reilly Media, ISBN: 978-1-449-39991-7) on the C programming language from English to Portuguese.

05.2012 - 07.2012

Software Development Intern - Ideais

Software development for large scale administrative software (Java) and e-commerce systems (Java); production of upgrades for a financial software system (Groovy).

09.2011 - 03.2012

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 Wolfgang 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.