

Alice Duarte Scarpa

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Experience

- 2016 - current **Software Engineer**, *Google*, Belo Horizonte, Brazil.
Search Quality Engineer - worked on improving web search results.
- 2016 **Software Engineer Intern**, *Google*, Belo Horizonte, Brazil.
Worked on the Android application and server-side Java of Family Link.
- 2015 **Automation Engineer Intern**, *Mozilla*, Outreachy, Remote.
Worked with Rabbit message queues and Flask to improve the developer experience. Mentored new community contributors.
- 2012 **Undergraduate Research Project**, *UFMG*, CNPq Scholarship.
Studied Group Algebra focusing on p-groups with professor Ana Cristina Vieira.
Assisted with conference organization.
- 2009 - 2012 **Tutorial Education Project**, *UFMG*, Department of Mathematics.
Activities in Research, Education and Extension projects.

Education

- 2015 - 2017 **Master's in Mathematical Modeling of Information**, *Fundação Getúlio Vargas*, Rio de Janeiro, Brazil, Master thesis: Natural Language Processing Techniques Applied to Social Sciences.
- Winter 2015 **Recurse Center**, New York, NY, USA.
- 2013 - 2014 **Master's in Mathematical Economics**, *Instituto Nacional de Matemática Pura e Aplicada*, Rio de Janeiro, Brazil, Incomplete.
- 2009 - 2013 **Bachelor in Mathematics**, *Universidade Federal de Minas Gerais*, Belo Horizonte, Brazil, GPA: 4.2/5.0.

Open Source Contributions

Test Informant, *Tool to keep track of test suites ran by Mozilla*.

Doubled the number of suites covered by switching data collection to use an unified data source ("structured logs").

Talos, *Mozilla performance tests*.

Crunched last year's data to help reduce regression reporting time, determining how soon to report a regression as statistically significant.

Skills

- Tools Emacs, org-mode, L^AT_EX, Linux command-line utilities, and Git.
- Languages Comfortable with Python and Java, getting used to C++.
- Data Science Experience with IPython, Pandas and Matplotlib.