

Alice Duarte Scarpa

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🐙 github.com/adusca

Education

- 02/2015 - current **Master's in Mathematical Modeling of Information**, *Fundação Getúlio Vargas*, Rio de Janeiro, Brazil.
- 11/2014 - 02/2015 **Hacker School**, New York, NY, USA.
Activities include: Pair programming, study groups, attending workshops, giving presentations, working on several small projects (e.g. a Ray Tracer), studying computer science fundamentals.
- 03/2013 - 08/2014 **Master's in Mathematical Economics**, *Instituto Nacional de Matemática Pura e Aplicada*, Rio de Janeiro, Brazil.
Incomplete
- 02/2009 - 02/2013 **Bachelor in Mathematics**, *Universidade Federal de Minas Gerais*, Belo Horizonte, Brazil.
GPA: 4.2/5.0

Open Source Contributions

- Mozilla **Mozilla Continuous Integration Tools**, *Command-line tools to bisect intermittent failures and re-trigger tests.*
Made the tools compatible with 20% more tests by robustly inferring test parameters from Buildbot configuration.
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, *Performance tests.*
Crunched last year's data to help reduce regression reporting time, determining how soon to report a regression as statistically significant.

Experience

- 2012 **Undergraduate Research Project**, *UFMG*, CNPq Scholarship.
Studied Group Algebra focusing on P-groups with professor Ana Cristina Vieira.
Assisted with event organization: Group Algebra Workshop (national) and Galois' Bicentennial (local).
- 2009 - 2012 **Tutorial Education Project**, *UFMG*, Department of Mathematics.
Activities in Research, Education and Extension projects.

Programming Skills

- Tools Emacs, \LaTeX , Linux command-line utilities, Git.
- Languages Comfortable with Python, dabbled in Scheme and C.