

## Daniel Oliveira

CONTACT INFORMATION	Rua Coronel Tamarindo, 8 Bloco 4 Apt 606 Niterói, RJ 24210-380 Brazil	<i>Tel:</i> +55 21 99888-7653 <i>E-mail:</i> daniel.oliveira@id.uff.br <i>Webpage:</i> danieloliveira56.github.io
RESEARCH INTERESTS	<ul style="list-style-type: none"><li>• Operations Research</li><li>• Combinatorial Optimization</li><li>• Mixed Integer Programming</li><li>• Polyhedral Combinatorics</li><li>• Scheduling and Vehicle Routing Problems</li></ul>	
EDUCATION	<b>Universidade Federal Fluminense</b> , Niterói-RJ, Brazil  M.Sc. in Production Engineering, emphasis on Systems, Decision Support and Logistics (08/2013-12/2015) <ul style="list-style-type: none"><li>• Dissertation Title: “Improvements to a Branch-Cut-and-Price Algorithm for the Exact Solution of Parallel Machines Scheduling Problems”</li><li>• Advisor: Artur Pessoa</li><li>• GPA: 8.19/10.0</li></ul> B.Sc. in Production Engineering (03/2008-08/2013) <ul style="list-style-type: none"><li>• Thesis Title: “Optimization of the Allocation of Workers to Production Lines using Mixed Integer Linear Programming”</li><li>• Advisor: Artur Pessoa</li><li>• GPA: 7.13/10.0</li></ul> <b>Kettering University</b> , Flint-MI, USA  One year exchange Industrial Engineering student, non degree program (01/2012-12/2012) <ul style="list-style-type: none"><li>• GPA: 3.72/4.0</li></ul>	
HONORS AND AWARDS	XLVIII Brazilian Symposium on Operations Research - Best Paper Award, 2016. CAPES Scholarship for M.Sc. at Universidade Federal Fluminense, 2013. CAPES Science Without Borders Undergraduate Scholarship (one year of undergraduate studies abroad), 2012.	
WORK EXPERIENCE	<b>Brazilian Company of Urban Trains</b> , Rio de Janeiro-RJ Brazil <i>Industrial Engineer</i> <span style="float: right;"><b>April, 2015 - present</b></span>  <b>United Parcel Service (UPS)</b> , Miami-FL USA <i>Industrial Engineering Intern</i> <span style="float: right;"><b>July, 2012 - November, 2012</b></span>  <b>Colégio e Curso pH (High/Middle School)</b> , Rio de Janeiro-RJ Brazil <i>Mathematics Teaching Assistant</i> <span style="float: right;"><b>March, 2008 - December, 2010</b></span>	
WORKING PAPERS	D. Oliveira and A. Pessoa. An Improved Branch-Cut-and-Price algorithm for Parallel Machine Scheduling Problems (Submitted).	
CONFERENCE PRESENTATIONS	D. Oliveira and A. Pessoa. An Improved Branch-Cut-and-Price algorithm for Parallel Machine Scheduling Problems. XLVIII Brazilian Symposium on Operations Research (SBPO), September 27-30, 2016, Vitória, ES, Brazil	

D. Oliveira and A. Pessoa. An Improved Branch-Cut-and-Price algorithm for Parallel Machine Scheduling Problems. 2016 International Workshop on Column Generation, May 22-25, 2016, Búzios, RJ, Brazil

D. Oliveira and A. Pessoa. Cut Separation for Parallel Machine Scheduling Problems using a Genetic Algorithm (Poster). XLVII Brazilian Symposium on Operations Research (SBPO), August 25-28, 2015, Porto de Galinhas, PE, Brazil

#### COMPUTER SKILLS

- Programming: C++, Python, Visual Basic for Applications (VBA), Web Development (HTML, CSS, Javascript, PHP).
- CPLEX
- L<sup>A</sup>T<sub>E</sub>X.

#### STANDARDIZED TEST SCORES

- GRE Revised General (08/2016):
  - Verbal Reasoning: 165/170 (95th Percentile)
  - Quantitative Reasoning: 168/170 (95th Percentile)
  - Analytical Writing: 3/6 (17th Percentile)
- TOEFL (10/2016): 109/120 (Reading: 30, Listening: 30, Speaking: 26, Writing: 23)

#### LANGUAGES

Portuguese, English