

# Daniel Oliveira

CONTACT	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 Industrial Engineering	<b>08/2013 - 12/2015</b>
	<ul style="list-style-type: none"><li>• Emphasis: Systems, Decision Support and Logistics</li><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 Industrial Engineering	<b>03/2008 - 08/2013</b>
	<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	
	Industrial Engineering, non degree program	<b>01/2012 - 12/2012</b>
	<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>Engineer</i>	<b>04/2015 - present</b>
	<b>Setra Soluções (Asset Management Consulting)</b> , Rio de Janeiro-RJ Brazil	
	<i>Consultant</i>	<b>08/2014 - 04/2015</b>
	<b>Ekons Consultoria (Business Consulting)</b> , Rio de Janeiro-RJ Brazil	
	<i>Consultant</i>	<b>04/2013 - 01/2014</b>
	<b>United Parcel Service (UPS)</b> , Miami-FL USA	
	<i>Industrial Engineering Intern</i>	<b>07/2012 - 11/2012</b>
	<b>Ágora CTVM (Brokerage Firm)</b> , Rio de Janeiro-RJ Brazil	
	<i>Intern</i>	<b>01/2011 - 11/2011</b>

WORKING PAPERS	D. Oliveira and A. Pessoa. An Improved Branch-Cut-and-Price algorithm for Parallel Machine Scheduling Problems (Submitted).
CONFERENCE PRESENTATIONS	<p>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</p> <p>D. Oliveira and A. Pessoa. Improvements to a Branch-Cut-and-Price Algorithm for the Exact Solution of Parallel Machines Scheduling Problems. International Workshop on Column Generation, May 22-25, 2016, Búzios, RJ, Brazil</p> <p>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</p>
COMPUTER SKILLS	C++, Python, Visual Basic for Applications (VBA), SQL, Web Development (HTML, CSS, Javascript, PHP), CPLEX and L <sup>A</sup> T <sub>E</sub> X.
STANDARDIZED TEST SCORES	<p>GRE Revised General (08/2016)</p> <ul style="list-style-type: none"> <li>• Quantitative Reasoning: 168 (95th Percentile)</li> <li>• Verbal Reasoning: 165 (95th Percentile)</li> <li>• Analytical Writing: 3 (17th Percentile)</li> </ul> <p>GRE Subject Test in Mathematics (10/2016): 820 (84th Percentile)</p> <p>TOEFL (10/2016): 109/120</p>
LANGUAGES	Portuguese, English