allan::quadros

Statistician

contact

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Brazil
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about

http://allanvc.github.io
git: allanvc

programming

R, *Python, C++*

interests

Statistical Finance, Statistical Learning, **R** programming, Astrostatistics

education

2018	**B.Sc. Statistics**	*with Outstanding Student Award*
	University of Brasilia - UnB	

2012	**M.Sc. Economic Development**
	State University of Campinas - Unicamp

2008	**Licenciatura Geography**
	State University of Campinas - Unicamp

employment

2013–now	**National Fund for Educational Development FNDE**
	Educational financing specialist

2017–now	**Consulting**
	Statistics and Data Science consultant

2012	**Consulting** certified by the National Brokers Assoc. - ANCORD
	Independent investment consultant

2010–2012	**University Center of Jaguariuna UniFAJ**
	Lecturer in Economics

2003–2009	**Brazilian Army** Infantry branch
	1st Lieutenant

scientific production

::software

[2]   **emstreeR**   link
An R Package for Fast Computing Minimum Spanning Trees (submitted to CRAN)

[1]   **FisFa**   link
A software for contract management developed in **R** and Python for FNDE. Brazilian Patent: *BR 51 2016 000212 3*.

::working papers

Radio Loud and Radio Quiet dichotomy: a multivariate analysis
Pedro Beaklini, Rafael Souza, Maria Dantas, Allan Quadros, Andre Cançado. *(expected for the beginning of 2019)*.

::conference articles*

*in Economics:

[2]   Uma abordagem evolucionista do papel da tecnologia na agricultura
Allan Quadros, Felipe Silva. *XIX Congresso Brasileiro de Economia*. Bonito-MS, Brazil. September, 2011. *(One of the 14 winner articles selected by the Congress members)*.

[1]   Estratégias de aproriação de quase-rendas na cadeia produtiva de cafés: o caso dos produtores de cafés especiais da Alta Mogiana
Allan Quadros. *49º Congresso da Sociedade Brasileira de Economia e Sociologia Rural SOBER*. Belo Horizonte-MG, Brazil. July, 2011.

::working e-books

Um curso prático de Estatística Básica em **R**
Pedro Brom, Allan Quadros. *(expected for the 2nd semester of 2019)*.

::presentations

Identificação de Trajetórias Típicas dos Estudantes do ICS/ UnB
Allan Quadros. *22º Congresso de Iniciação Científica da UnB. September*, 2017 (poster).

::research groups and projects

[3]   mlpackR   2018-now
Description: Development of an R package aiming to provide all the functions present in mlpack - the C++ Machine Learning Library. R users will seize the speed and scalability of the mentioned library without having to touch the C++ code. Coordination: Allan Quadros. Number of members: 3.

[2]   Methods and Inference on Clustering   2017-now
Description: Study and development of new clustering methods and algorithms that will allow to find the number of clusters in data. Coordination: Prof. Andre Cançado. Number of members: 5.

[1]   Student's risk Assessment - University of Brasilia   2016-2017
Description: Use of Sequence Analysis, Markov Chain, and Logistic Regression to assess the risk of students dropping their courses. Coordination: Prof. Donald Pianto. Number of members: 10.

non-academic production

Quem tem medo de Matemática?
Allan Quadros. A book to help people overcome their fear of mathematics. *(in progress)*.

teaching

[9]   Data Analysis with **R** - Intermediary Level   Jul. 2018
Instructor, FNDE, 28 hours

[8]   Data Analysis with **R** - Introductory Level   Jan. 2018
Instructor, FNDE, 21 hours

[7]   Business Economics   2012
Lecturer, MBA on Financial Management and Accounting, UniFAJ

[6]   International Trade   2012
Lecturer, UniFAJ

[5]   Management and International Trade   Spring, 2012
Invited Lecturer, MBA, Mackenzie Presbyterean University

[4]   Introduction to Economics   2012
Lecturer, UniFAJ

[3]   GL600: Market Studies and Marketing   Spring, 2011
Teaching Assistant, Unicamp

| [2] | Macroeconomics | 2010-2012 |
| | Lecturer, UniFAJ | |

| [1] | Microeconomics | 2010-2012 |
| | Lecturer, UniFAJ | |

scholarships

| [2] | Innovation Agency - Inova | 2018 |
| | State University of Campinas - Unicamp | |

| [1] | Coordination for the Improvement of the Higher Level Personnel - CAPES | 2008-2012 |
| | Brazilian Ministry of Education | |

awards and recognition

| [5] | Outstanding Student Award | Sep. 2018 |
| | Honor conceded by the Department of statistics at UnB to the student with the highest GPA by the time of the graduation. | |

| [4] | Standout Project in Contract Management | Sep. 2008 |
| | Awarded to the FisFa software at the *4th ANGC Awards - Best Iniatives Of The Year on Contract Management* | |

| [3] | 1st Place Strengthening Internal Controls in Public Administration | Dec. 2016 |
| | Awarded to the FisFa software at *CGU's 4th Good Practices Contest.* | |

| [2] | 1st Place (of 14) at Estágio de Instrução e Preparação de Oficiais da Reserva - EIPOT | Jul. 2004 |
| | Brazilian Army. Officer Candidate with the highest grade in the State of Sao Paulo by the end of the military professional internship. | |

| [1] | 2nd Place (of 25) at Núcleo de Preparação de Oficiais da Reserva (NPOR, Campinas-SP) (similar to ROTC) | Dec. 2003 |
| | Brazilian Army. Brazilian Army · Officer Student with the second highest grade by the time of the graduation. | |