

allan::quadros

Statistician

contact interests

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Brazil

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

about

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

education

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

programming
R, Python, C++

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 apropriação 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 Presbyterian University
- [4] **Introduction to Economics** 2012
Lecturer, UniFAJ
- [3] **GL600: Market Studies and Marketing** Spring, 2011
Teaching Assistant, Unicamp

[2]	Macroeconomics Lecturer, UniFAJ	2010-2012
[1]	Microeconomics Lecturer, UniFAJ	2010-2012

scholarships

[2]	Innovation Agency - Inova State University of Campinas - Unicamp	2018
[1]	Coordination for the Improvement of the Higher Level Personnel - CAPES Brazilian Ministry of Education	2008-2012

awards and recognition

[5]	Outstanding Student Award Honor conceded by the Department of statistics at UnB to the student with the highest GPA by the time of the graduation.	Sep. 2018
[4]	Standout Project in Contract Management Awarded to the FisFa software at the <i>4th ANGC Awards - Best Initiatives of the Year on Contract Management</i>	Sep. 2008
[3]	1st Place - Strengthening Internal Controls in the Public Administration Awarded to the FisFa software at <i>CGU's 4th Good Practices Contest</i> .	Dec. 2016
[2]	1st Place (of 14) at Estágio de Instrução e Preparação de Oficiais da Reserva - EIPOT Brazilian Army. Officer Candidate with the highest grade in the State of Sao Paulo by the end of the military professional internship.	Jul. 2004
[1]	2nd Place (of 25) at Núcleo de Preparação de Oficiais da Reserva (NPOR, Campinas-SP) (similar to ROTC) Brazilian Army. Brazilian Army · Officer Student with the second highest grade by the time of the graduation.	Dec. 2003