

# André Thomaz Gandolpho de Mello

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<https://github.com/atgmello> | <https://gitlab.com/atgmello>  
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## Profile

Programmer and researcher looking for a junior job position as a data scientist.

- **Programming Languages:** Python, Julia, SQL, Ruby, JavaScript, C, Java.
- **Tools:** Git, Atom (IDE), Vim, Jupyter Notebook, Linux, L<sup>A</sup>T<sub>E</sub>X.

## Education

- **MSc.**, Computer Science March, 2017 – July, 2020  
Institute of Mathematics and Statistics – University of São Paulo (USP)  
**GPA:** 3.52
- **BSc.**, Information Systems March, 2013 – December, 2016  
School of Arts, Sciences and Humanities – University of São Paulo (USP)  
**GPA:** 3.22     **Ranking:** 3rd place out of 70 students in my class

## Research and Academic Activities

- **Master's Thesis:** “A new method for parameter estimation in Ordinary Differential Equations.”  
**Area:** Regression, Optimization, Machine Learning     **Language:** Julia, Python
- **Undergraduate Thesis:** “Development of a software tool for extracting facts from classic planning problems.”  
**Area:** Classical Planning, Heuristic Search     **Language:** C
- **Scientific Initiation:** “Proposal of an architecture for the republication of Brazilian budgetary data according to the Semantic Web paradigm.”  
**Area:** Semantic Web, Ontology, ETL     **Language:** Java, SQL, JavaScript  
**Publication:** Published and presented during the 13th CONTECSI – International Conference on Information Systems and Technology Management, 2016.

## Projects

### MsFLOSS

March, 2019 – July, 2019

- Developed by a group of 40 students as part of the Advanced Topics in Object Oriented Programming course. This is a system for data aggregation and monitoring of open source projects based in a microservices architecture.
- As a leader of the Data team, I managed the group and kept close contact with the leaders of the other groups, focusing on the integration of the system.
- Our group was in charge of organizing and serving the data collected by each microservice.

## Extracurricular Activities

### Head of Academic Events

November, 2013 – November, 2015

- Member of the Systems Information's Academic Directory, the student's union of the course. I was in charge of organizing lectures and workshops conducted by students and professionals from the industry alike.
- One of the main organizer of the 5th Systems Information Week.

## Languages

Portuguese – Native

English – Advanced

German – Beginner