# ADRIAN TAME JACOBO

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Github: github.com/AdrianTJ |Portfolio: adriantj.github.io

## EDUCATION

**Instituto Tecnológico Autónomo de México**, Mexico City, MX                                    May 2019
*Bachelors of Science in Applied Mathematics*
*Thesis*: Finite Elements for Second Order Elliptic Problems

**Instituto Tecnológico Autónomo de México**, Mexico City, MX                          Expected June 2022
*Masters of Science in Data Science*
*Thesis*: BASS models for posterior inference in Bayesian Optimization (Working Title)

## TECHNICAL SKILLS

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| **Coding Languages:** | R, Python, LaTeX, SQL, MATLAB, Bash, C |
| **Operating Systems:** | Linux (RHEL, Debian-based, Arch-based), MacOS |
| **Other Tools and Frameworks:** | Git, TensorFlow, STAN, Google Cloud Platform, AWS |

## EXPERIENCE

**Laberintos e Infinitos, Editor and Web Designer** , CDMX                                    2015 - 2017
- Magazine for students of applied mathematics and actuarial sciences at the ITAM.
- Edit incoming articles, templating, basic web design in wordpress.

**Laberintos e Infinitos, Subdirector** , CDMX                                    Jan 2018- Dec 2018
- In charge of what got printed and heightened editing responsibilities.

**Glovax S.A. de C.V. and Initiative to Change the World Fund, Head of Business Intelligence**, CDMX     Autumn 2019
- Provided analysis for decision making.
- Company centered on investing into emerging technologies in the US.

**Development of machine learning algorithms for a personal startup**                          2020 - June 2021
- Built a recommendation system for art based on computer vision and clustering algorithms.
- Startup was a system for art recommendation based on personal preferences and monetary considerations.
- Company has not materialized, but the recommendation system is finalized.

## RESEARCH AND TEACHING EXPERIENCE

**CONACYT, Research Assistant**, CDMX                                    Jan 2018 - Aug 2018
- Research assistant under Dr. Victor Guerrero, SNI Level III.
- Classification, research, and digitalization of articles relating to time series modeling.

**ITAM, Lecturer**, CDMX                                    Fall 2018
- Developed and gave the ITAM lectures on the LaTeX programming language.
- For students of undergraduate to graduate levels.

**ITAM, Lecturer**, CDMX                                    Spring 2018 - Spring 2019
- Developed and gave the ITAM lectures on the R programming language.
- For students of undergraduate to graduate levels.

**ITAM, Professor**, CDMX                                    Fall 2019
- One of the professors for the certificate in Statistics.
- For students from undergraduate to graduate levels.
- Taught programming in R and general applied statistics in the first module.

## PUBLICATIONS

Tame Jacobo, Adrian. (Spring 2019). **Método de conjunto activo para problemas de optimización cuadráticos [Active Set Method for Quadratic Optimization Problems].** Laberintos e Infinitos, Issue 49, 20-24. Link.

Tame Jacobo, Adrian. Cordova Lopez, Santiago. (Fall 2018). **Métodos Numéricos para la solución de Problemas de Programación Lineal: Puntos Interiores [Numerical Methods for the Solution of Linear Programming Problems: Interior Point Method].** Laberintos e Infinitos, Issue 47, 34-42. Link.

Tame Jacobo, Adrian. (Spring 2018). **Nicolas Bourbaki.** Laberintos e Infinitos, Issue 46, 3-6. Link.

Tame Jacobo, Adrian. (Fall 2017). **Maryam Mirzakhani.** Laberintos e Infinitos, Issue 44, 3-6. Link.

Espinoza Armenta, Ramon. Jinich, Ilan. Tame Jacobo, Adrian. (Spring 2017). **Psicología matemática: toma de decisiones [Mathematical Psychology: Decision Taking].** Laberintos e Infinitos, Issue 43, 39-48. Link.

Tame Jacobo, Adrian. Zamorano, Jose Carlos. (Spring 2017). **Teorema de Bohman y Korovkin [Bohman-Korovkin Theorem].** Laberintos e Infinitos, Issue 42, 55-59. Link.

Espinoza Armenta, Ramon. Jinich, Ilan. Tame Jacobo, Adrian. (Fall 2016). **Gráficas Químicas [Chemical Graphs].** Laberintos e Infinitos, Issue 41, 31-36. Link.