

Éricles Lima

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Education

- 2024–present **Msc on Applied Mathematics**, *Unicamp*, Campinas.
- 2022–2023 **Data Scientist**, *Data Science MBA*, USP São Carlos.
Studied state-of-the art techniques in Data Science, and how to apply them on real-world projects, under a scholarship.
- 2016–2021 **Bachelor on Applied Mathematics and Scientific Computing**, *USP*, São Carlos.
- 2012–2015 **Technician on Computer Networks**, *CEFET-MG*, Belo Horizonte.

Professional Experience

- 2022(may)- **Developer**, *Profusion Embedded Systems*, Campinas.
- 2023(may) Worked on the development of multiple products, using technologies such as React, Apollo, Typescript, Kotlin and others.
- 2021(dez)- **Research and Development**, *Samsung Research and Development*, Campinas.
- 2022(may) Worked with Samsung's R&D Projects, mostly related to some of its health products. Techs used: python, sklearn, Tensorflow, C#, SQL, Java
- 2021(march)- **Data Scientist**, *Monitora Tec*, São Carlos.
- 2021(dez) Worked together with a team at the Serasa Experian company in devising new solutions to their analytics problems, by means of data science. Techs used: python, sklearn, Tensorflow, SQL

Other Experiences

- 2025 **Sub-manager of dry-lab work for Unicamp iGem 2025 team**, *UNICAMP*, Campinas.
- 2024–2025 **Co-organizer of Tropical Probabilistic AI School 2026**, *FGV*, Rio de Janeiro.
- 2024 **Presenter of workshop “Interactive theorem proving in Lean 4” at the mathematics biennial**, *UFSCar*, São Carlos.
- 2017–2019 **Manager of local SIAM Student Chapter**, *SIAM Student Chapter*, São Carlos.
Management of Student Chapter activities (including math circles, seminars, movie clubs, prospection of members and others.)
- 2018 **Participant on Google Summer of Code, on EusLisp project with JSK of Tokyo University**, *Google/JSK lab*, (work done online) São Carlos.
- 2016–2017 **Researcher on Constraint Logical Programming**, *USP*, São Carlos.
Development of research on Constraint Logical Programming, with a focus on optimization problems.