

# Santiago Gabriel Rodriguez

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<https://sgrodriguez.github.io> - Personal Blog

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## Education **Undergraduate**

Universidad de Buenos Aires.

M.S. Computer Science.

GPA 8.1 over 10.

2014 - 2022.

## Experience **Brubank (Digital Bank in Argentina):**

**Backend Lead: December 2021 - Present**

**Backend Engineer: October 2018 - December 2021**

I joined Brubank in 2018 as a software engineer, before it went into production, as part of a small team of developers.

I participate in the development of several initiatives, including In-App Ads, Fall-back mechanisms, a new banking section for small businesses, Promotions, Apple Pay, performance improvements, and migration from a monolith to microservices architecture.

In addition to software development, I actively participated in other areas of the business, such as defining career paths, interview processes, conducting 1-on-1 sessions, and providing support for productive incidents. I was also responsible for keeping up with the constant and sudden legal changes.

Today, Brubank has over **2.5M** customers, and the backend developer team has grown from 4 to 18. Currently, I lead the credit card team, which is focused on creating Brubank's first credit card from scratch.

**Stack:** Go, GraphQL, Postgresql, Elasticsearch, Redis, RabbitMQ, Azure.

**MercadoLibre(#1 Latam e-commerce):**

**Security Engineer June 2017 - October 2018**

**Implemented a monitoring system (SIEM)** using ELK stack, Docker, Nxlog, Go with the objective of collecting data to analyze the behavior of users and entities.

**Implemented an automatic phishing detector.**

· Takes sites from different sources, process it and extracts features from them.

· Send the data to Machine Learning's Models (NN, Random Forest, Logistic Regression, etc) in order to detect phishing sites of MercadoLibre and MercadoPago.

· Written in GO and Python with keras and scikit learn.

· **The operational load of checking manually 200 sites a day was reduced to 75 per month**

· **The false positives in the automatic complaints were reduced to 0.03%**

## Projects **DDT Dynamic decision tree lib in Go(Personal - Jan 2021)**

DDT allows building custom decision trees based in a set of defined rules, programmatically or from json.

## Skills

**Programming language:** Go(5 Years), Python(1 Year)