

Franco Giannotti

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EDUCATION

Engineer's degree in Information Systems

Universidad Tecnológica Nacional

- Estimated graduation date: August 2023 (4 out of 5 years completed)
- Current GPA: 8.05/10

EXPERIENCE

Software Engineer II

PedidosYa (subsidiary from DeliveryHero)

Full-time

June 2021 - Present

- Implementation of features to improve checkout flow and wallet experience for the mobile application.

Kotlin
Vertx

- Refactored the wallet's payment system to improve its feature delivery time, response time and traceability, using Domain Driven Design.

Kotlin

- Implemented a server driven UI architecture to improve maintainability and isolate backend responsibilities to match mobile needs.

Java
DynamoDB, SQS

- Implemented wallet top up benefit system that allows other company's employees to have credit available according to the frequency specified by the company.

Security Software Engineer

Mercadolibre

Full-time

January 2020 - June 2021

- [Development of tools that detect and stop anomalies \(DDoS attacks, scanners or scrappers\) in our Front-Ends.](#)
- Management of MercadoLibre's cloud infrastructures like WAF and CloudFront distributions.

Go
Datadog

- Improved processing time of roughly **1 million logs per hour** by 80%, incorporating concurrency and a Key-Value store. (from 45 minutes to 8)

Go

- Developed a user-reputation tool that increased our daily blocks by 5%.

Python
MySQL

- Debugged our Firewall REST API and improved its uptime by 30% by designing a new architecture with Go and MySQL.

Lambda, SQS
Syslog
Terraform

- Re-designed a log ingestion project (150k RPM) with a serverless architecture improving its message delay from 5 days to no more than an hour using AWS Lambda, SQS and Python, while handling its deployments with a release process using Terraform.

ABOUT ME

I am a young I.T professional who is a self-driven learner, constantly facing challenges and making each day different. What I enjoy most about my work is designing an architecture or solution that solves a challenging problem. If I have to dive deep into new things while doing it, that just makes it better. I love all kinds of board games and team competitive-sports, such as volleyball (which I play).