





## **EDUCATION**

2018 – 2022 BS in Computer Science

**UNAM, Faculty of Science** 

## **EXPERIENCE**

Jan - May 2020, ON, Canada. **Google**Worked at Google Cloud Platform's Healthcare & Life Sciences solution (under Data Governance team) designing and implementing a public API that allows customers to export large datasets of audit data to BigQuery and Cloud Storage for analysis and compliance purposes. Designed as a

parallel asynchronous system.

Golang / gRPC / Protocol Buffers

May - Dec

Apli (apli.jobs)

Software Engineer

2019, Mexico. Designed and implemented an identity distribution micro-service that allowed the company replace multiple third-party services and centralize all the information related to candidates in one single place eliminating data inconsistencies and dropping the operation cost by 75%. Also designed and implemented a conversation flow manager that allowed Apli to replace conversational SaaS and other custom solutions for applying tests to candidates.

GraphQL / Python / Golang / MongoDB / PostgreSQL / AWS

Dec 2019, Platzi (platzi.com)

Course instructor & Technical writer

Jan 2019, Jun 2018, Colombia & Mexico. Platzi is the <u>largest</u> online education platform in LATAM. I instructed two web development courses with <u>Python</u> and Django where I taught how to build complex REST APIs using a solid codebase with Docker. In Dec 2019 I was also the instructor of a week-long (40 hours) in person introductory course to Algorithms & Data Structures with Python. During 2016 I wrote around 10

articles on their public blog about back-end development and server infrastructure.

Python & Django / REST APIs / Multiple IaaS providers / Technical writing

2016 - 2019,

Major League Hacking (mlh.io)

Coach (mlh.io/coaches)

Mexico, U.S. Supported around 30 hackathons held in Canada, U.S., and Mexico. As a MLH coach, my job is to make sure a hackathon runs successfully by supporting organizers during the event and making sure attendees have a great experience.

Public speaking / Crowds management / Crisis management / Software Engineering

2015 - 2018, Mexico. Inventive (inventivehack.com)

CTO & Co-Founder

Co-funded a dev shop in Mexico City specialized in web and mobile development. Worked on over 25 multidisciplinary projects ranging from mobile apps for emerging startups to software used across the country during Mexico's local election of 2017 which led us to a 2x growth in team members and sales on the last year.

Python & Django / PostgresQL / AWS / Product definition / Teams management

## OTHER PROJECTS & EDUCATION

2015-2016 Co-Funder, organizer & speaker

Chilango Django

Co-Founded the largest meetup for Python and Django developers in Mexico City which allowed us to reach over 1,500 developers with talks, courses and monthly meetups.

Sponsorships rising / Public speaking / Community management

Fall 2018 6.00.2x: Introduction to Computational Thinking and Data Science

MIT through edX

Certification Link. Final grade: 94/100

LANGUAGES

**INTERESTS** 

**Spanish** - native **English** - proficient

Data Science / IT Security / Go / Haskell / Computer Graphics / Large-scale infrastructure management & design / Parallel systems