





EDUCATION

2018 – 2022 BS in Computer Science

UNAM. Faculty of Science

December 2018

6.00.2x: Introduction to Computational Thinking and Data Science

MIT through edX

MIT's 6.00.2x is a course taught both online and in campus which introduce its students to a variety of topics in computational problem solving topics like graph optimization, dynamic programming, monte carlo simulations, curve fitting, and statistics. **Certification Link.** Final grade: 94/100

April 2014

6.00.1x: Introduction to Computer Science and Programming Using Python

An introductory course to computer science topics including algorithms and computational complexity. This was my first "formal" introduction to computer science when I was on high school.

Certification Link. Final grade: 98/100

EXPERIENCE

Summer 2019, Mexico City currently part time

Software Engineer Intern

Apli (apli.jobs)

Created an identity distribution micro-service which 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%.

GraphQL / Python / U.B Clean Architecture / PostgreSQL / AWS

2015 - 2018, Mexico City CTO & Co-Founder

Inventive (inventivehack.com)

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

Jan 2019,

Jun 2018,

Bogotá, Colombia & Mexico City Course instructor & Technical writer

Platzi(platzi.co

Platzi is the <u>largest</u> online education platform in LATAM. I instructed two web development courses with Python and Django, one introductory (5/5 rating) and one <u>advanced</u> (5/5 rating) course where I taught how to build complex REST APIs using a solid codebase with Docker. 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 - Present, Mexico, U.S. Canada Coach (mlh.io/coaches)

Major League Hacking (mlh.io)

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

OTHER PROJECTS

2015-2016

Co-Funder, organizer & speaker

Chilango Django

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

Sponsorships rising / Public speaking / Community management

LANGUAGES

HOBBIES

INTERESTS

Spanish - native **English** - proficient

Currently enrolled in a rock band, being trying my first fixed-gear bike for some months now, and love going for long hikes and doing some photography.

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