

Jonathan Andrade

CTO @ Gtech

Jonathan de Jesús Andrade López

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Skills

Software Architect (1 year) Microservices architecture, distributed & concurrent systems with RabbitMQ (AMQP) .

Mobile Developer (2+ years) in Android (native), iOS (native) and hybrid applications in Ionic (1 & 2) and React Native.

Full Stack Developer (6+ years) PHP (Slim, Laravel), Ruby (Rails, Sinatra, Sidekick), Node (Express), Go (Gin Gonic), Python (Flask, Django), Polymer, Angular(1 & 2), React, Redis, Firebase (all platforms)

Database Administrator for Postgresql, MySQL and Mongo, Hadoop.

Sysadmin: Experience in *nix systems administration, git and docker registry servers, DevOps, Kubernetes, Docker, Docker Swarm, AWS, Google Cloud Platform.

Data Science Experience in data wrangling, computer vision and natural language processing with Tensor Flow, Gensim, Torch, Pandas, Keras, Caffee, R, Postgres CLang Extensions, Lapack, Spark.

Languages: Fluent in Java, PHP, Python, Ruby, Javascript, Go, C#, Vala, C++, C.

Experience

Gtech / CTO

DECEMBER 2016 - PRESENT, MEXICO CITY

As CTO and Co-founder, I'm on charge of the development team and the lifecycle of every product of the company, from webapps to chatbots, mobile applications and custom optimization platforms.

Amarello / Android Consultant

FEBRUARY 2017, MEXICO CITY

As an external consultant, i had to lead the development of an Android application for GRUPO FISA, we went short of time, but we got success on deploy the app just as it was planned.

Avocado Bytes / Full Stack Developer

JULY 2016 - DECEMBER 2016, MEXICO CITY

I was responsible for product prototyping, from mobile applications with AR and Smart Fridges with CV (motion detection, stereoscopic vision), to web development.

Amarello / Web Developer

APRIL 2015 - JULY 2016, MEXICO CITY

My main task here was create and maintain a wide range of webapps and hybrid mobile apps.

Education

Faculty of Science, UNAM/ Computer Science

AUGUST 2013 - PRESENT, MEXICO CITY

Major in Computer Science, 8th semester.

Favorite Assignments: Computer Vision, Computational Geometry, Data Mining, Computational Genomics and Genetic Algorithms.

Deep Learning/ Udacity

JANUARY 2016 - FEBRUARY 2016, ONLINE

I learn the basics of deep learning, workflows and data viz. The course cover topics like CV, Convolutional Neural Networks, and LSTM Neural Networks.

Microservices/ Udacity

OCTOBER 2016 - NOVEMBER 2016, ONLINE

Security and administration in a microservices architecture approach.

Mongo Data Wrangling/ Udacity

OCTOBER 2016 - NOVEMBER 2016, ONLINE

I learn how to handle large volumes of geographic data and how to query and exploit them.

Awards

AngelHack 2017, Mexico City, **First Place**, for the project “**Driver Angel**” (Deep learning applied to detect sleep drivers using an EGG scanner up on an arduino)

Jakaton NLP 2016, Cholula. **Honorable Mention** for the project “**Emoji: A semantical approach**”. (Emoji predictor based on the community use)

Hackathon Campus Party 2016, Leon. **UST Global Price** for the platform **Companekta**. (Shared economy platform for offices)

PolymerHacks 2016, **First Place** for the project **polymer-crud**.(automatization tool for CRUD tasks)

Hobbies

I like to bike riding in the mountain, run at least once a week, read the same wikipedia page in different languages.