MAX A. SANCHEZ

Bachelor of Engineering

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♀ Mexico city, Mexico



EDUCATION

Computer engineering

Engineering school - UNAM

August 2014 - December 2018

Mexico City

Here I learned the vast majority of my computer science knowledge, but I mainly developed my skills in artificial intelligence. The courses that I enjoyed more were:

- Artificial Intelligence
- Natural Language Processing Analysis
- Artificial Selected Subjects
- Pattern Recognition

Exchange student

Sungkyunkwan University

Suwon, South Korea

I was selected to earn a scholarship to be an exchange student in Korea where I took four courses: Introduction to Machine Learning, Introduction to automatic control, Bio-Robotics, and Korean Language class. Here I met with a different learning pace, I learned to push my self beyond to achieve what I was expecting and to exploit most of the experience.

EXPERIENCE

Internship Web Developer

Biochemistry department, Medicine school-UNAM

🛗 January 2017 - July 2017

- Servers maintenance.
- Custom programs and scripts.
- Databases management.

Software Developer

Yeltic

🛗 January 2019 - December 2019

♀ Mexico city, Mexico

- Web API's programming.
- Azure services management.
- Development of intelligent bots using LUIS, Bot Framework, QnA and others Microsoft Cognitive services tools.
- Web applications programming.
- Development of Business analytics services design and data get methods.

LIFE PHILOSOPHY

"Failure is part of success, in order to learn it is necessary to feed back on mistakes."

PROUD OF



Passion

for learning and trying new things to innovate my self



Perseverance

I never let that mistakes take advantage of me, persisting is learning.

LANGUAGES

Spanish (native) English



CERTIFICATES

IELTS B2



ABILITIES

Problem solving

Strategic thought

Team working

Leadership

Creativity

Innovation

Software Developer

Aspentech

聞 January 2020 − present

Here in Aspentech I have the responsibility to develop in team work a product for the chemistry industry, mostly by developing Web APIs, frontend using Vanilla JS and Blazor, and backend using Net Core 3.1.

Deep Learning for sequential data

RIIAA (International reunion of artificial intelligence and its applications)

August 31, 2019

I provided a training course for the RIIAA (International reunion of artificial intelligence and its applications) from its Spanish initials. The summary of the course was: how sequential data are structured, how to built a multilayer perceptron for classification of data, what are the principal component of different architectures like LSTM, RNN, and GRU, how bidirectional RNN use a different approach for sequential processing.

ACHIVEMENTS

Robotic Tournment

First Place

Movember 2018

PROJECTS

Irony detection

Thesis

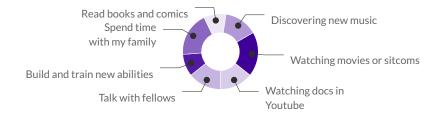
Movember 2018 - Present

This is my thesis project, where I make use of Deep learning and a brief preprocessing by 2-ngrams for irony detection in Twitter in Spanish. In this project, I learned a little about how to use TPUs for training and predicting. Moreover, how to deploy an API to provide predicting services online using Tensorflow. I had the tutoring from Dr. Ivan Vladimir Meza Ruiz.

A BRIEF OF ME

I'm interested in developing my career in artificial intelligence and I think we need AI to solve many of the huge modern society issues, like global warming, corruption, violence or geopolitical problems, and on the near future (2) or 3 years from now on) I'd like to take a master degree. I'm very passionate for coding, I'd like to learn a lot of current technologies and trends in tech. I like to meet new people with new scopes. I love to travel and to work with people from different cultures.

Usually I invest my time in:



KNOWLEDGE

