

JORGE ZAFRA

SOFTWARE ENGINEER - DATA SCIENTIST

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Bogota D.C, Colombia

SUMMARY

I am a software and mechatronics engineer, I love coding specially in Python, right now I'm getting into data science and machine learning fields to learn how those amazing areas work. I want a full time job as a Software Engineer, other areas of interest are Data Engineering, Data science and Machine Learning.

SKILLS & ABILITIES

Web Development

Python, Javascript, Flask, Django, Node.js, React, Docker, Git & Github, Linux, SQL.

Data Engineering

Python, Pandas, Numpy, MySQL, PostgreSQL, AWS, SQLAlchemy

Data Visualization

Matplotlib, Seaborn, Dash

Machine Learning

Scikit Learn, Tensorflow, Keras, MLFlow

OTHER

Problem-solving, TeamWork ,Leadership, Commitment, Self-Learning, Data Analytics, Creativity, Flexibility, Collaborate.

LANGUAGES

Spanish: Native

English: Intermediate

WORK EXPERIENCE

SOFTWARE ENGINEER

Holberton School | Jun 2019 - Present

- Creation of Talk4Free Website to connect people around the world to teach through interaction and practice a new language. Using OpenTok API, Node, React and more technologies.
- Use Deep Learning Methods and techniques like Deep Neural Networks, CNN, RNN, Kmeans, PCA to create and develop local solutions.
- Creation of a lite version of AirBnB, using Python, Nginx, Flask and Gunicorn.
- Creation of my own Bourne Shell and printf function using C language.

PROGRAMMING ASSISTANT

Redbus jul 2018 - apr 2019

- Create and implement the idea of adding to each city its department, helping people not buy the wrong ticket, in that way helping the company get accurate data.
- Creation of more than 25 custom bus tickets by company using HTML and CSS.
- Management of some Databases related to RedBus companies.
- Creation of more than 10 requirements for new features in the BOGDS, using Scrum methodology.
- Creation of bus layouts, amenities, and users in BOGDS for each branch. Updated routes depending on the situation of the company, or if there was any problem in the route like landslides.

EDUCATION

SOFTWARE DEVELOPER

HOLBERTON SCHOOL | 2019 - PRESENT

- MACHINE LEARNING SPECIALIZATION
- SOFTWARE ENGINEER

MECHATRONICS ENGINEER

MILITAR NUEVA GRANADA UNIVERSITY | 2012 - 2017

CERTIFICATES

DATA SCIENCE 4 ALL COLOMBIA(3.0)

MINTIC - CORRELATION ONE| 2020

PYTHON3 PROGRAMMING SPECIALIZATION

MICHIGAN UNIVERSITY - COURSERA| 2020

DEEP LEARNING SPECIALIZATION

DEEPLARNING.AI - COURSERA| 2020