SEBASTIAN CORREA

MECHATRONIC ENGINEER



PROFILE

Engineer with experience in data management, modeling based on NN, RNN, deeplearning and CNN, in pattern recognition and processing of images, and time series. Construction of web applications with Python as backend, and PostgreSQL databases. Development of mobile applications for Al solutions.

CONTACT INFO

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- 😊 scorrea92@gmail.com

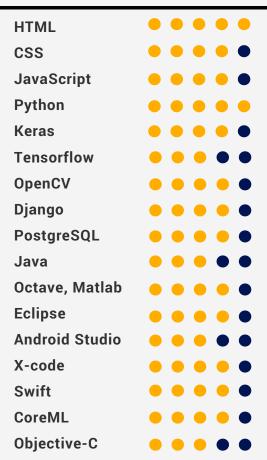
SKILLS

- Web Developer
- Data Scientist
- Apps Developer
- Data Analist
- Lidership
- Problem resolution
- Teamwork
- Interest in learning new skills

EXPERIENCE

May 2016 August 2017	Development manager at Metis Consultores Python Django web application developer, using PostgreSQL databases. Software Analyst supervise the correct execution of the development work team, tests and start-up of the different applications.
June 2017 December 2017	Research associate at University EIA Photographic survey, data processing and analysis for the project, Precision of digital elevation models obtained with low cost drones.
June 2016 Agosto 2017	Research associate at University EIA Analysis and construction of Machine Learning models, neural networks, support vector machines for credit risk and client evaluation for the Belén cooperative.
January 2017 July 2017	Professor at University EIA Lecturer of the subjects, Fundamentals of Programming, Analysis of Decisions.

SOFTWARE



OTHER STUDIES

2016 Machine Learning
Stanford University - Coursera

2016 Data Science and Machine Learning Essentials

Microsoft through edX

2016 Intro to iOS App Development with Swift
Udacity

2016 Learn Swift Programming Syntax
Udacity

2016 Introduction to computer vision
Universidad Carlos III de Madrid through

2016 Introducción a C++

Microsoft - DEV210x through edx

2015 Autonomous Navigation for Flying Robots
Technische Universität München through
edX

October Engineer of Technological Projects at Unión Eléctrica 2015 March Resident engineer of technological projects, 2016 assembly, management of resources and personnel for the project; Implementation of a Facial recognition, LPR and conventional analytical system for the Medellín City Hall and Police. January Research at University EIA 2015 Project. Analysis of the thermal behavior of October coverages in urban environments using 2015 unmanned aerial vehicles (UAV's). Manipulation and design of unmanned aircraft. Usages of GIS tools and information processing. January Technical management and projects -2014 Internship at Compañía Nacional de chocolates July Project management assistant. Evaluation, 2014 design, purchase of supplies and execution of innovation projects in the production area of

EDUCATION

2017/2018 Master in artificial intelligence, shape

recognition and digital image

system transporting chocolate.

Universitat Politècnica de València

the company. Project. Automatic cleaning

2010/2014 Mechatronic Engineer

Escuela Ingeniería de Antioquia

2016/2017 Web Development Certification

Next University

LANGUAGES

Spanish Native

English B2 / IELTS