Diego Cué Hernández

Software Developer

*"Life is what happens to you while you're busy making
other plans." John Lennon.*

Education

2016–2020	**B.S. in Applied Mathematics**, *Instituto Tecnológico Autónomo de México*.

Experience

Professional

2016–today	**Senior iOS Developer**, *Tr3sco*, CDMX, México.
2018–today	**Junior Python Developer**, *Tr3sco*.
2017–today	**Junior Backend Developer (.Net)**, *Tr3sco*.
2012–2016	**Junior iOS Developer**, *Tr3sco*.

Languages

Spanish	Native	
English	Native and scientific	*CPE-Level C2*
French	Basic	

Certifications

August 2019	**Certified Developer Associate**, *AWS*.
May 2015	**Certificate of Proficiency in English (Level C2)**, *University of Cambridge*, Credential ID: 155MX0058003.
April 2015	**IB Diploma**, *International Baccaleureate Organization*, Credential ID: D0005730097dly939.
Nov 2012	**iOS Development**, *Activ Adobe Authorized Training Center* .

Projects

2019	**Arabela Porteo**, *Product delivery & debt collection app*, Web service design, database architecture & project management, `https://www.arabela.com/mx/`. In this project we only developed the Android app, the backend and server side functionality was handled by the company that hired us. I designed the web services -Input, Output- which the app was going to use, I also designed the SQLite architecture for the offline fucntionality. Through out the project I was in charge of managing the project using tools to efficiently solve problems that did arise in the process.

2019 **Teikit and Lucky Sushi**, *Food Delivery App*, iOS Development & Project management, `https://www.teikit.mx`.

In this project I developed the iOS app. After carefully designing the solution based on the clients requirements I developed modules like:
- Promotions.- NxM, Coupons and Loyalty programme.
- GeoCoding.- Input of user's address and location
- Tracking.- Notify the user on the status of his delivery

2018 **Phillip Morris International's Real time Inventory Tracking**, *Object Detection through Neural Networks Solution*, Python Development.

We designed the solution to a problem that PMI had in tracking inventory with the retailers. We proposed a real time tracker using Raspberry Pi and Neural Networks to solve this problem. I developed the Convolutional Neural Network to recognize the different SKUs in the picture.

2017 **Diphsa O2**, *Analytics app*, iOS Development, `https://www.diphsa.com/`.

In this project we installed sensors in different oxygen machines through out an oxygen plant. After getting the data of the machines in real time, I developed the iOS app which gave the user the ability to see the analytics of the oxygen plant, the user could, as well, visualize in real time the problems that arise in real time.

2016 **Confidenza**, *Collective economies app*, iOS Development, Backend Development, `http://web.confidenza.com.mx/`.

In this project, at first, I developed the iOS app for booking the services of nurses and orderlies for at home care. Inside the iOS app you can book a nurse with specific skills for your specific need. Later, I was in charge of maintaining the backend as well, if a server-side change was needed, I developed it in .NET.

Computer skills

Languages	Objective C, C#, Java, Swift, Spark	Databases	MySQL, SQLite
Design	Sketch, Photoshop	Project Managment	Microsoft Project
Version Control	Git, Bitbucket, Github	Services and APIs	AWS, Google Console Platform

Extra Curricular

- Composed, recorded and published an album with the band Trípoli, album available in streaming platforms. `https://open.spotify.com/artist/0UjjvlTE9gzv77bov1U0Ut`
- Certified by Centro de Desarrollo Musical in Luthiering & adjustment of stringed instrumets