

# Daniel Cárdenas

SOFTWARE ENGINEER

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## Education

### UANL - FIME (Universidad Autónoma de Nuevo León)

SOFTWARE ENGINEER

Mty, NL

Aug. 2011 - Ene. 2016

## Laboral experience

### Neoris (Cemex)

SENIOR SOFTWARE ENGINEER

Monterrey, MX

Dec 2016 - May 2016

- Developed a web application (Track & Trace) for CEMEX customers using Angular 2 as main resource. Gave a lot of help to my team-mates during this project
- Later on we developed another web application (Drivers Console). I got a new team here and helped my colleagues learn Angular 2.

🖼️ Track & Trace

🖼️ Drivers Console

### Playful Interactive

CONSULTOR

Monterrey, MX

Jan. 2016 - Dec 2016

- In Mary Kay: Android developer.
- In OXXO (FEMSA): Designed and developed whole system of auto-service for the customers and implemented the pay system with POS (Oxxo cash register). This is developed in iOS for iPads. The memory is optimized since the app is alive 24/7. Later the same development was used for another FEMSA product named "O'Sabor"

🖼️ OXXO Gomez Morin project screenshots

🖼️ O'Sabor project screenshots

These projects are supported and currently in an expansion process

### Tix Technologies

SOFTWARE ENGINEER

Monterrey, MX

Nov. 2013 - Jul. 2014

- HotelesCity website front-end development (now called CityExpress)
- Custom facebook library for Android for the development team.
- RSA signature application for local government documents (Apodaca, NL). Made in .NET.

### Epicor Software Corp

SOFTWARE ENGINEER INTERN

Monterrey, MX

Jul 2012, Ene 2013

- Member of the developers team for CRM "Cliente". Developed in .NET (I gave support/added customizations. Developed in C#, T-SQL).
- Later on I became part of the team who developed a web ERP "P21". Developed in ASP MVC.

I also trained new interns and helped them with their tasks

## Freelancer

### Client: TEC Energy - tecenergy.ca

C# QUANDL DEVELOPER

Montreal, CA

Sep. 2016 - Oct. 2016

- C# application. Downloads Quandl data (Bulk) and smartly creates the necessary tables in a PostgreSQL database. Everything is done concurrently since it manages large sizes of data

🔗 Project description

## Profet project. Client: "Buro Creativo"

Monterrey, MX

FULL STACK DEVELOPER

Jul. 2016 - Ago. 2016

- Developed a custom CRM from scratch. A web design was given in .psd and I replicated it in HTML. Developed in ASP MVC and deployed the project in azure.

 Project screenshots

## Silicon Valley Startup

California, USA

ANDROID DEVELOPER

Oct. 2015 - Nov. 2015

- iOS app materialized. (Not available anymore in play store)

 Project screenshots


## UpWork (Freelancer)

Remote

DEVELOPER - WEEKENDS JOBS

May 2015 - Jan 2016

- Gohotbox.com:  
Website creation from scratch from (no design was given, I just improvised this) then implemented it under Catejoy CMS.

 Project screenshots

- Surgeforward:  
Voice recognition implementation using C++ (NDK) for their an Android app.  
oAuth protocol implementation for another Android app.

## Ionwater Distributor ERP

Remote - Monterrey, MX

FULL STACK DEVELOPER

Jan 2014 - Ene 2016

- My first big professional project. Developed a custom ERP from scratch for IonWater distributors in Monterrey, MX. Project is developed in .NET (whole stack is used). Hosted this project into a custom server (not azure, a physical Windows Server 2012 computer with IIS). This project is still working till this day.

 Project screenshots

## Skills & stack

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### MY FAVORITE PROGRAMMING LANGUAGES

- ♥♥♥♥♥ C++, My favorite
- ♥♥♥♥♥ Java, Advanced, very efficient in this one
- ♥♥♥♥♥ C#, Advanced
- ♥♥♥♥♥ Python, Advanced
- ♥♥♥♥♥ SQL, Intermediate
- ♥♥♥♥♥ Javascript, Advanced
- ♥♥♥♥♥ Typescript, Advanced
- ♥♥♥♥♥ Objective-C, Advanced
- ♥♥♥♥♥ Swift, Intermediate
- ♥♥♥♥♥ Elixir, Intermediate

### STACK

- ♥♥♥♥♥ Android, [ Material design | Animations | UI/UX | Google services | NDK | AppCompat ]
- ♥♥♥♥♥ iOS, [ iPhone | iPad | UI/UX | Flat design | API consume ]
- ♥♥♥♥♥ Frontend web, [ Angular 2 | Typescript | JS | JQuery | HTML5 | CSS3 ]
- ♥♥♥♥♥ Backend web, [ PHP | Apache | nginx | node.js | Phoenix ]
- ♥♥♥♥♥ .NET, [ Core | Web forms | ASP | MVC | Web services | WPF | WinForms | SQL Server | IIS ]

### STACK TOOLS

- ◆◆◆◆◆ Environments, [ Visual Studio | Vim | Atom | CLion | Andorid Studio | XCode ]
- ◆◆◆◆◆ Team, [ Scrum | inVision | Git ]
- ◆◆◆◆◆ Design, [ Adobe Illustrator | Adobe Photoshop | Gimp ]
- ◆◆◆◆◆ OS, [ Arch + awesome wm | Win10 | WinServer | OSX El Capitan ]

## Courses

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### Acceleration program

California, US

PLUG AND PLAY

Sep 2015 - Nov 2015

- Daily conferences focused on fast launching for startups, marketing, innovation, etc...

## Curses provided

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### C# course

Monterrey, MX

UANL (FACPYA)

Feb. 2016

- Taught OOP with C# to the students of my own university from another career. How to use Interop libraries, to automatize tasks from Excel data using LINQ.

## Open source projects

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### Customizable Whatsapp bot

 [HTTPS://GITHUB.COM/DANIELCARDEENAS/MACBOT](https://github.com/danielcardeenass/macbot)




- Whatsapp bot made as a weekend project. The project itself has all you need to make your own custom functions easily. (Initially made this for my school friends).

### Audio Stego

 [HTTPS://GITHUB.COM/DANIELCARDEENAS/AUDIOSTEGO](https://github.com/danielcardeenass/audiostego)



- Stenography algorithm. Hides data (files or text) inside a song without affecting how the song sounds. The same program can detect if a song has something hidden and extract it.

 Nuul-byte mentioned my prjoect in one of his posts refering to Mr. Robot series

### CANSLIM strategy implementation under C++

 [HTTPS://GITHUB.COM/DANIELCARDEENAS/LEIND-STOCKS](https://github.com/danielcardeenass/leind-stocks)



- Drops same results from IDB Leaderboard

### C++ API para Quandl

 [HTTPS://GITHUB.COM/DANIELCARDEENAS/QUANDL-CPP](https://github.com/danielcardeenass/quandl-cpp)



- Best quandl c++ library out there. But only I know how to use it :p

## Languages I speak

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Spanish	<b>Mother language</b>
English	<b>Fluent, no problem at all</b>
Italian	<b>Advanced</b>
Japanese	<b>Can understand and read couple of things</b>