

# Alejandro de la Rosa Cortés.

## Personal information.

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## Education.

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### Ingeniería en Tecnologías Computacionales.

Instituto Tecnológico y de Estudios Superiores de Monterrey. – Monterrey.

Graduating May 2018.

Cumulative GPA: 93/100.

### Business intelligence for decision making course.

Instituto Tecnológico y de Estudios Superiores de Monterrey. – Monterrey and Consejo de Software de Nuevo León.

## Work Experience.

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03/14 – 06/14 **Trainee / Servicios Móviles YJG, Saltillo, Mexico.**

Kiipster Project. Develop iOS App/games using Objective-C.

05/15 – 05/16 **Software Engineer / Towa Software, Monterrey, Mexico.**

Encompass. Accounting and Human Resources Software. (C#) 1 defect per 20K LOC.

09/16 - **iOS Jr Developer / Kinedu, Monterrey, Mexico.**

App to help children's brain development. 450,000 active users in 189 countries. (Swift).

## Major School Projects.

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Spring 2016 Espolea. A web application for a nonprofit organization using Ruby on Rails.

EntrenaTec, Training iOS app for the campus GYM.

Papahana. Web application for project management using PHP and jQuery.

Participant at HackMTY and Segunda Mano Hackathon.

Fall 2015 Unicode Hackathon: MyPass is an iOS app made using Swift that scan the Machine Readable Zone of a passport. 1<sup>st</sup> Place reto Munett.

Spring 2015 participant at HackMTY. Monterrey City information app for iOS using Swift.

Fall 2014 Facebook Hackathon participant. Arcade Game for iOS using Swift and SpriteKit.

"Visitando una ciudad" desktop trip planner for Windows (C#).

Spring 2014 International Business Plan Competition. Business plan of a Mobile application for kids.

English presentation. Responsible for designing the app prototype.

Spring 2014 Baja SAE Competition, Bajío, México. Procurement head. Purchase of materials to build a Mini Baja Car "El Cacahuete". Estimated expenses: 30, 000 MXN.

Fall 2013 Baja SAE Competition. Toluca, México. Procurement head. Purchase of materials to improve a Mini Baja Car "Avenger". Estimated expenses: 10, 000 MXN.

## Technical Skills.

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### Programming Languages:

- Python Familiar with.
- C/C++ Proficient.
- Swift Proficient.
- C# Proficient.
- Java Proficient.

**Platforms:** Windows (user), Mac OS X (user), Ubuntu (user, admin).

**Web Development:** HTML 5 (proficient), Ruby On Rails (Basic), CSS(proficient), Bootstrap (Basic), jQuery(proficient), JavaScript(proficient), PHP, MySQL.

**Mobile Development:** (iOS 1 year).

## Awards and leadership.

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- BCT Student Council Secretary. Fall 2016 - Spring 2017.
  - Excellence award High School. Spring 2013.
  - Excellence Scholarship for academic Merit. Mexican Government., only 1,000 scholarships Nationwide. Since 2010.
  - Excellence award for Academic Merit, Saltillo 2008.
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