

## SKILLS

**Programming languages:** Java, Javascript, PHP, Python, SQL, C.

**Technologies:** Android, Git, SaaS (Google App Engine, Firebase), iOS, MySQL, CodeIgniter framework, Zend Framework, NodeJS, React, React Native, Web Scraping.

## PROJECTS

**Estimate Fare** - <https://play.google.com/store/apps/details?id=com.appsmas.estimaterate> **June 2017**

- Tool focus to Uber drivers that want to check the correct fare for their trips.
- This app integrates many services of Firebase like Analytics, Authentication, Database, Cloud Functions, Test Lab, Crashlytics, Notifications, Remote config, AdMob and A/B Testing.
- This app it's fetched by a daily scraper running in Amazon Lambda.

**Drive App** - <https://play.google.com/store/apps/details?id=mx.drivepp.drive> **August 2016**

- Develop a mobile application on Android to pay parking with debit or credit card.
- Some features are QR code reading, REST API communication, Facebook login, management of profile picture from gallery or camera, Recyclerview with different types and WebView.

**Calendario Ecuestre** - <https://play.google.com/store/apps/details?id=mx.uble.calendarioecuestre> **January 2016**

- Develop a mobile application on Android that shows all the equestrian events of the year.
- It lets you add events to your favorites section to focus on the information you're most interested in, and add alarms do not miss any events.

## WORK EXPERIENCE

**Ministry of Communications and Transport (SCT), Mexico City, MX** ([sct.gob.mx](http://sct.gob.mx))

Senior Mobile Developer for the Information and Communications Technology Department **February 2015 - January 2016**

- Develop a mobile application with more than 50,000 downloads for planning your route with costs, routes, descriptions, points of interest and road warnings to plan your trip from anywhere in Mexico.
- Implement new features and debug tasks in current applications.
- Collaborate in defining architecture systems, processes, methodologies and standards that will take place in projects.

**Department of Computer and Information Technology and Communication (DGTIC), Mexico City, MX** ([tic.unam.mx](http://tic.unam.mx))

Web developer **June 2013 - December 2014**

- Worked with CodeIgniter MVC framework and PHP for web development system and deployed MySQL database.
- Coordinated the maintenance, debugging and testing in production environment.
- Presented results to stakeholders to receive feedback and implement changes.

Intern Web developer **September 2012 - February 2013**

- Programmed HTML5 multimedia elements like videos, audios and images for an incredible user experience.
- Rendered animations based on the technique of spritesheet with Javascript.
- Ensured the integration of design and styles giving by the design team.
- Verified source files to fulfill W3 code standards for code assurance and good practices.

## EDUCATION

**Udacity** ([Profile](#))

Android Developer Nanodegree.

**October 2015 - April 2016**

**National Autonomous University of Mexico (UNAM), Mexico City, MX.**

B.S. Computer Engineering, Software Engineer.

**June 2009 - December 2014**

## INDEPENDENT COURSEWORK

**Coursera:** Programming Mobile Applications for Android Handheld Systems: Part 1 & Part 2, Introduction to Computational Arts: Processing, Programming for Everybody Python.

**UNAM:** Diploma course "Application development for mobile devices".

