

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)

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)

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](#))

October 2015 - April 2016

Android Developer Nanodegree.

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

June 2009 - December 2014

B.S. Computer Engineering, Software Engineer.

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".

