


# Jorge Prado

## Software Engineer, Android developer

Hi, I'm Jorge. I studied Automation Engineering in Cuba after falling in love with software programming and the digital world. I am passionate about new technology and open software. I have had exposure in diverse industries such as Robotic, Industrial Automation, Medical Devices and my latest work has been on Android Software Development .

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## EDUCATION

### Bachelor of Science in Automation Engineering

Marta Abreu University of Las Villas

09/2009 – 07/2014

Cuba

### Android Developer Nanodegree

Udacity

11/2019 – 05/2020

## WORK EXPERIENCE

### Quality Engineer (Embedded Software)

Smith & Nephew

01/2019 – 02/2020

Austin, Texas

Medical equipment manufacturer of advanced wound management, arthroscopic and orthopedic reconstruction products.

#### Achievements/Tasks

- Supported the launch of new software for coblation devices used in arthroscopic surgeries.

### Electrical Engineer Technician

Smith & Nephew

08/2018 – 01/2019

Austin, Texas

### Biomedical Engineer

Venus Medical Solution

12/2016 – 06/2018

Austin, Texas

Texas based company. Provides technical services for Aesthetic medical devices.

#### Achievements/Tasks

- Repair laser machines for Aesthetic treatments.

### Control and Instrumentation Engineer

Ceballos Agroindustrial Company

09/2014 – 02/2016

Ciego de Avila, Cuba

Food process plant.

#### Achievements/Tasks

- PLC programming and PID control tuning.

### Robotic Engineer Intern

Automation Robotic and Perception Group

09/2012 – 07/2014

Villa Clara, Cuba

Research group in the Faculty of Electrical Engineering in the University of Las Villas

#### Achievements/Tasks

- Research in software control for Autonomous Underwater Vehicles.

## SKILLS

Version Control (Git)

Java

C

Python

Android

SQLite

REST API

Linux

Matlab

## PERSONAL PROJECTS

### Folks (Android)

- Folks is an effort to provide a social platform for political news debate as well as a friendly access point to information about local and national government officials and candidates. Uses ProPublica Congress API, Google Civic API and Firebase Real Time Database.

### Chess Timer (Android)

- Fully customizable timer for two players board games. Chess timer allows you to carry each match in your pocket. Favorite settings can be saved as well as each game played.

### Popular Movies (Android)

- Presents the user with a grid arrangement of movie posters upon launch. Allows the user to change sort order via menu settings. Also the user can tap on a movie poster and transition to a details screen with additional information, trailers and reviews. A movie can also be saved as favorite by tapping a button. Powered by TMDb Api.

### Baking App (Android)

- Recipe app where the user can select a recipe and see video-guided steps for how to complete it. The app uses Exoplayer to display videos. A widget presents you on the Home screen your favorite recipe. Uses Fragments to create a responsive design that works on phones and tablets. Retrofit is used as the REST client for retrieving information contained in JSON file.

## LANGUAGES

Spanish

Native or Bilingual Proficiency

English

Full Professional Proficiency