

# Ing. Orlando Peña Fernández



## OBJECTIVE

I am a native Android Developer and my passion lies in create innovative and functional applications that offer an exceptional experience to users. In addition to my technical skills, I consider soft skills to be essential in my work. I'm proactive and skillful at identifying and solving problems, always looking for efficient and effective solutions. I enjoy working as a team and collaborating with other professionals to create high-quality products. I consider myself a person who embraces challenges, because I see them as opportunities to grow and improve myself.

## EXPERIENCE

### Mid-Senior Android Developer

Quental, Madrid

July 2022 -

November 2023

First experience working internationally. In a short time I have grown professionally and it has helped me to reaffirm my knowledge, promoting teamwork and the use of Agile technologies.

### Android Developer

University of Camagüey, Cuba

September 2019 -

May 2023

Once I graduated as a Systems Engineer, an agreement was formalized with the University and I decided to stay in it, but with a higher role. Now from the position of Senior and also teaching at the Faculty of Computing and Exact Sciences of the University itself. I met great professionals and professors who helped my academic growth and as a developer. In this position I am in charge of the mobile application development group, where I have honed my leadership qualities.

### University Professor

University of Camagüey, Cuba

September 2019 -

May 2023

University professor with a strong focus on native Android development, bringing four years of teaching and mentoring experience in the field. I was recognized for my use of new teaching methodologies and commitment to student success. I received awards and recognition for excellence in teaching

### Junior Android Developer

University of Camagüey, Cuba

September 2016 -

July 2019

Founder of the student group for the creation of applications in which I developed several projects and had my first experiences dealing with the flow of teamwork and meetings with the client. As a

## CONTACT

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## SKILLS

Android Studio



Kotlin



Java



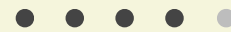
SQL



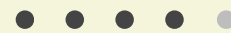
XML



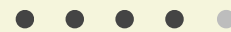
Compose



SCRUM



Clean Architecture



MVVM



Android Jetpack



Groovy



Dart



Flutter



SQLite



result of my work, I have obtained several national awards and participated in different events

## PROJECTS

### ON MEDITERRANEA, QUENTAL, MADRID (FEBRUARY, 2023)

- Project description: TakeAway (Maintenance and bug fixes)
- Applied architecture: MVP (Java - XML - Pay - Retrofit - Maps - Firebase - Navigation - Glide)
- Roles and responsibilities: Senior Android Developer
- Number of team members: 1
- Work methodology: Kanban

### TAXIBLAU, QUENTAL, MADRID (JULY, 2022)

- Project description: Android Applications (Client and Taxi Drivers) to order taxis and to manage the trip.
- Applied architecture: MVVM (Kotlin - Compose - XML - Pay - MotionLayout - Room - Retrofit - Hilt - Maps - Firebase - Kotlin DSL - Flow - Navigation - Glide - Coil - Coroutines - Charts - TDD - WorkManager)
- Roles and responsibilities: Mid. Senior Android Developer
- Number of team members: 6
- Work methodology: Kanban

### TICKETS UC, UNIVERSITY OF CAMAÜEY, CUBA (FEBRUARY, 2021)

- Project description: Android application to buy lunch tickets at the University using payment gateways
- Applied architecture: MVVM (Kotlin - Compose - QR scanner - Pay - MotionLayout - Room - Retrofit - Hilt - Flow - Navigation - Coil - Coroutines - Test)
- Roles and responsibilities: Senior Android Developer (Team Leader)
- Number of team members: 10
- Work methodology: SCRUM

### APK PCR, UNIVERSITY OF CAMAÜEY, CUBA (MAY, 2020)

- Project description: Android application to obtain PCR results (COVID Test)
- Applied architecture: MVI (Kotlin - QR scanner - Room - Retrofit - Hilt - Flow - Navigation - XML)
- Roles and responsibilities: Mid.Senior Android Developer (Team Leader)
- Number of team members: 4
- Work methodology: SCRUM

### HISTORICAL CENTER OF CAMAGÜEY, UNIVERSITY OF CAMAGÜEY (JULY, 2019)

- Project description: Android application for the management and visualization of the Orientation and Consultation Office of the city of Camagüey (Electronic Government)
- Applied architecture: MVVM (Java - XML - Room - Retrofit - Hilt - Navigation - Glide - Test - LiveData)
- Roles and responsibilities: Android Developer
- Number of team members: 1
- Work methodology: RUP

### EL MAYOR, UNIVERSITY OF CAMAÜEY, CUBA (FEBRUARY, 2018)

- Project description: Android application created to pay tribute to Ignacio

MySQL



PostgreSQL



REST API



Git - GitLab - GitHub - Bitbucket



Unit Test



S.O.L.I.D



KMP



Firestore



## ACHIEVEMENTS & AWARDS

2018 - Speaker at the XIII INTERNATIONAL SYMPOSIUM: Challenges in the management of cities.

2019 - Speaker at the III INTERNATIONAL SCIENTIFIC CONFERENCE UICIENCE.

2019 - CITMA special award for the contribution to the development of science social and humanistic in Cuba.

2019 - Mention at the XXIII National Forum of University Students of Sciences Social, Economic, Natural, Humanistic and Exact.

2019 - Featured in the XXIV National Forum of University Students of Technical Sciences.

Recognition for having an outstanding socioeconomic impact in the graduation of the 2018-2019 academic year

Prize for the scientific merit in graduation of the 2018-2019 academic

Agramonte Loynaz (National Hero) in which you can access his updated biography and a Quiz.

- Applied architecture: MVP (Java – SQLite – XML – Animations - Glide)
- Roles and responsibilities: Junior Android Developer
- Number of team members: 5
- Work methodology: RUP

#### **DEFENSE ZONE, UNIVERSITY OF CAMAÜEY, CUBA (OCTOBER, 2017)**

- Project description: Android application to manage the data of those affected by Hurricane Irma.
- Applied architecture: MVC (Java – SQLite – XML - Maps Offline - Sync)
- Roles and responsibilities: Junior Android Developer
- Number of team members: 5
- Work methodology: RUP

## PUBLICATIONS

#### **Principios de Clean Architecture + MVVM enfocado al desarrollo Android Nativo (Parte 1)**

<https://medium.com/@orlandroyd/principios-de-clean-architecture-mvvm-enfocado-al-desarrollo-android-nativo-parte-1-93ae09db4777>

#### **Principios de Clean Architecture + MVVM enfocado al desarrollo Android Nativo (Parte 2) "La capa de dominio"**

<https://medium.com/@orlandroyd/principios-de-clean-architecture-mvvm-enfocado-al-desarrollo-android-nativo-parte-2-la-capa-de-c61a5fb59556>

#### **ANDROID APPLICATION "EL MAYOR" AS EDUCATIONAL SOFTWARE**

<https://tecedu.uho.edu.cu/index.php/tecedu/article/view/187>

## EDUCATION

#### **Systems Engineer**

2014 - 2019

University of Camagüey

4.46

## REFERENCE

#### **Alexis Moya González - NTT DATA Europe & Latam**

Center Leader Specialist

[alextkmoya@gmail.com](mailto:alextkmoya@gmail.com)

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#### **Juan Carlos Mejías Rodríguez - Alasco, Alemania**

Software engineer

[juanmejias231@gmail.com](mailto:juanmejias231@gmail.com)

#### **Jorge Jimenez - Quental, España**

Team Leader y Desarrollador Full Stack

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year.

Recognition of the UIC for being the best graduate of the 2018-2019 academic year.

Recognition of the UIC for the work with the greatest impact in the digital transformation of the 2018-2019 academic year.

## LANGUAGES

Spanish; Castilian (Native)

English (C1 Advanced)

<https://www.efset.org/cert/tJfb83>