

MANUEL NÚÑEZ

Software Developer

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Warsaw, Poland

manuelnunhez

EDUCATION

Catholic University
"Nuestra Señora de la Asunción",
Paraguay

2009 – 2017 (*)
*Original title: Ingeniería en
Informática
(Long-cycle 6 yr studies)*

*Equivalent: MSc Informatics
Engineer*

Graduated with honors – average
of grades: 4,31

*Thesis title: A model-driven approach
for the development of native mobile
applications focusing on the data
layer*

(*) 2015-2016 as gap year for work

ACHIEVEMENTS

Three accepted publications based
on my work with mobile
development: main author in my
thesis research in a journal ([P-2020](#)),
and co-author by DREAM project ([P-
2019](#) and [P-2018](#));

Scrum Foundation Certificate
[CertiProf](#)

PROFESSIONAL PROFILE

Experienced in designing, developing and leading software projects, with a strong profile as a mobile developer. Interested in data science, AI, machine learning, big data and new technologies. Open to new challenges and continuous improvement of my qualifications.

Key areas of expertise:

Android – Kotlin/Java & Object-Oriented Programming (OOP).

5+ years of experience as an Android developer.

Java & OOP. Management of the Java Core, the main libraries, and classes.

Agile development. Teamwork skills, enthusiasm for developing innovations.

Leading and organizing projects as a freelancer and lead developer

(hands on with planning, estimating, contributing to the architecture, coding & development)

MAJOR EMPLOYMENT HISTORY

FREELANCE SOFTWARE DEVELOPER

Personal project – Kinema Android app | September 2020 – Present

This app allows you to find a movie and choose the most convenient cinema for you where the movie is shown (as now only valid for cinemas in Poland). Developed in Kotlin with Retrofit, Hilt (based on Dagger2), Material Design theme and animation. Unit testing with Junit and Mockito ([Google Play](#)).

Polish Japanese Academy of Information Technology | May 2020 – Present

Implemented solutions oriented to experimental activities part of PhD candidates' studies. Developed a dynamic React web system that allows configuring tasks dynamically, using google sheet to add and modify aspects related to tasks, as well as saving results.

AyudaPY - Open source project collaboration | Paraguay | April – 2020

[AyudaPY](#) is a platform that offers help to those most in need, a space for volunteers who want to help and suitable places to approach donations. I was able to work with the web-platform (a Django app) and the Android version of the platform. Our challenge with the Android app was imitating the iOS version UX, as well as adapting the map of the web-platform to a mobile version. Developed in Kotlin with Retrofit ([Google Play](#)).

SWPS University of Social Sciences and Humanities | Warsaw | 2019 – 2020

Implemented solutions oriented to experimental activities part of PhD candidates' studies. Developed two desktop applications using JavaFX according to user requirements.

Polish Japanese Academy of Information Technology | Warsaw | 2018 – 2019

Horizon 2020 DREAM Project ([site](#)) - Development of a Smart TV application for the social inclusion of older adults through online collaboration – (Phase 2);

– Making improvements and adding new functionalities to the **Android TV** platform and the Laravel server. Currently, this app is published in Google Play for alpha testing only.

– Two accepted publications as a co-author by this project ([P-2019](#) and [P-2018](#));

– Collaborating in experimental activities with older adults.

EARLY STAGE RESEARCHER AND DEVELOPER

Polish Japanese Academy of Information Technology | Warsaw | 05.2017–09.2017

SKILLS

Java & Kotlin



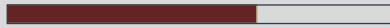
OOP



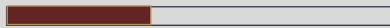
Android SDK/architecture comp



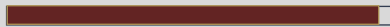
Android testing / DI



CI-CD



DBMS/ REST API



LANGUAGES

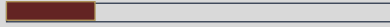
Spanish (native)



English (fluent)



Polish (basic)



ADDITIONAL COURSES

2020

**Online Fast Track SCRUM
FOUNDATION**

Scrum Foundation Certificate

2017

Data Science with Social Impact

Catholic University

"Nuestra Señora de la Asunción",
Paraguay

2014

**"Programming Mobile Applications
for Android Handheld Systems" by
University of Maryland - Coursera**

2013

Systems Administration

Catholic University

"Nuestra Señora de la Asunción",
Paraguay

2012

**Object oriented programming
and JAVA**

Horizon 2020 DREAM Project ([site](#)) - Development of a Smart TV application for the social inclusion of older adults through online collaboration – (Phase 1);

– System design and implementation of Android TV platform client ([see more](#)), and Laravel Framework server with MySQL ([see more](#));

– Collaboration in UX design for older adults including UX tests

– Collaboration in a multicultural, diverse team consisting of various professionals (e.g., Psychologists, MD);

– Submitted an academic paper to a conference by this project;

JUNIOR RESEARCHER

Catholic University "Nuestra Señora de la Asunción" | Asunción | 10.2015–05.2017

MDD+ project - My Informatics Engineer Thesis/Research project - Development of a Model Driven Development (MDD) approach for the development of native mobile applications that contemplates data persistence mechanisms oriented to smartphones;

– Main-author - Accepted publication of this research in a journal ([P-2020](#))

– Working platforms: Android and Windows Phone. ([Document](#));

CO-FOUNDER AND DEVELOPER

4QStudios – Informatics Consultancy | Asunción | 2015 – 2017

Leading and organizing projects as a freelancer - lead developer, working side by side with backend developers and designers in agile development;

– Android applications portfolio highlights:

- GPS Tracking service in a real-time app. Design and implementation.

Tools/libraries: Android Studio, gson, Volley, LocationManager, eventbus, google-play-services;

- Stock management app for small businesses: app for control of stock and to make new orders directly from small business to providers. Use of XML and RestAPI, localdatabase and synchronization techniques. Design and implementation.

Tools/libraries: Android Studio, gson, crashlytics, ksoap2-android-assembly, barcodescanner, volley, eventbus;

- Food order & delivery app ([Google Play](#)): geolocation, push notifications, share services socialization and advance UX design. Android app implementation based on iOS application. Tools/libraries: Android Studio, gson, volley, Picasso, google-play-services, facebook sdk, crashlytics, target-tooltip-library;

– Web management

- Implementing new modules and design changes ([WordPress site](#));

IT ANALYST AND PROGRAMMER – MOBILE DEVELOPER

Bersolid S.A. - Cibersons | Asunción | 06.2015 – 03.2016

–Design, elaboration, maintenance, implementation and analysis of systems according to technical standards and methodologies established by the employer;

–Documentation of the applications following technical standards and methodologies established by the employer;

– Agile software development using SVN and Trello;

Work portfolio:

- Consigo ([Google Play](#)): this app allows intermediation between professionals and end users that seeks to satisfy the supply and demand of technical services. Push notifications, maps, UX design, and real-time geolocalization. Tools/libraries: Android Studio, volley, Picasso, gson, google-play-services;

- Food order & delivery app ([Google Play](#)): geolocation, push notifications, share services, maps, time services, job scheduling, offline work and Facebook API integration. Design collaboration and implementation. Tools/libraries: Android Studio, crashlytics, gson, volley, twitter and facebook sdk, mixpanel, android-priority-jobqueue, eventbus, fresco, google-play-services, leakcanary-android, LocationManager;

Catholic University
"Nuestra Señora de la Asunción",
Paraguay

2007 – 2008

Programmer

Pan-American Institute of
Computing,
Paraguay

2007 – 2008

Computer and Network Technician

South American Institute of
Information Technology (ISI),
Paraguay

See more at [LinkedIn](#)

HOBBIES

MOVIES, TRAVEL, SOCCER, VIDEO GAMES

IT ANALYST AND PROGRAMMER – MOBILE DEVELOPER

Squadra Associate Consultants - Roshka | Asunción | 04.2014 – 06.2015

Android mobile and web-based system developer. Agile software development using JIRA and Bitbucket.

– Work portfolio:

- New modules implementation in banking android application;
- Development of financial-hybrid mobile application using PhoneGap (Apache Cordova);
- Web-based system development for telco company. Client-side implementation of a bootstrap admin web panel. Server-side implementation using Spring Framework, MySQL, and Oracle database management through JDBC. Definition of RESTful webservice;
- Maintenance of Android mobile application used for synchronization with a web-based system for telco company developed;

JUNIOR RESEARCHER

Catholic University "Nuestra Señora de la Asunción" | Asunción | 10.2013–03.2014

"Vincula Entorno" Project - Research and Development

- Development of web-based system using Django framework for collaboration between American and European universities;
- Agile software development using Trello and Git;

GET IN TOUCH



github.com/manununhez



[manuelnunhez](#)



manuelnunhez.com/



[manuelnunhez](#)