

PROFIL

IT engineer, specialised in Android application development. Communicating, with a good relational, I am attuned to emerging tends in IT to improve my knowledges and enhance my IT background.

EXPERIENCES

Development of native Android applications

November 2019 - Currently

Youboox

- Renewal of the Android native Youboox application and its downloading system (books and audio books).
- 100% Kotlin project
- Clean architecture
- MvRx
- Epoxy
- Coroutines
- Algolia & Retrofit
- Hilt
- Work
- Exoplayer
- POC Lottie

Development of native Android applications

July 2019 - October 2019

Eyelights SAS

- Development of the Android native Android Eyedrive car application
- 100% Kotlin project
- Overlay widget
- Amazon Alexa
- Integration of the basics of an MVVM architecture with databinding
- Camera streaming via wifi
- Association of Bluetooth devices by contact with NFC chip
- Creation of boards for the IU redesign of the application
- RxAndroid
- Gson
- Firebase performance & Analytics

Development of native Android applications

November 2018 - July 2019

Webedia

- Apps & Games Team.
- Development of the Android native application Pixwoo for the E3 2019 event.
- 100 % Kotlin project
- MVVM architecture
- Moshi
- RxAndroid
- Retrofit
- Firebase Messaging
- Google Analytics (Firebase)

Android native application development for the MAIF company

April 2018 - November 2018

Sopra Steria Niort - In service at the customer

- Development of the Android native MAIF application (Java & Kotlin).
- Java & Kotlin
- Screens design support.
- RxAndroid
- Technology surveillance (Vocal assistant, Android JetPack, Android Wear, etc.)
- Presentation of the work during demonstrations

Webinar Android Kotlin

April 2018

Sopra Steria Niort

- Creation of video tutorials about Android application development in Kotlin language for the Sopra Steria intern training organisation (Sopra Steria Academy).

Hybride & native Android mobile application development for the Macif company

June 2017 - March 2018

Sopra Steria Niort - In service at the customer

- Development of the hybride MACIF application.
- Customer mobile application redesign.
- Native Android development (Kotlin).
- Android Technology surveillance and oral presentations of the surveillance subjects.
- Native Android Speech to Text and Text To Speech application (Kotlin).

Hybride mobile development

September 2016 - April 2017

Work-study internship Master 2 - Sopra Steria Niort

- Research of the idea of application to be created in regard of the subject : the collaborative economy.
- Creation of the prototype : shaping of the idea in a hybride mobile application.
- Prototype presentation in front of Sopra Steria coworkers.
- Prototype presentation in front of the client (MAIF).
- Demonstration mobile application conception for the Socram BANQUE's tender.

Setting up a Mobile Factory

May 2016 – August 2016

Internship Master 1 - Sopra Steria Niort

- State of the art about existing mobile development solutions.
- Testing of these solutions.
- Documentation redaction about mobile applications development organisation.
- Participation to the Sopra Steria intraner mobile application development.

Web / Database development

February 2016 - May 2016

Koxinel Prod

- Redesign of the database.
- Data migration.
- Design of the website to watch and manipulate data.
- Integration of the website on the client's server.

Web development

May 2015 – August 2015

Bachelor internship - CDOS de la Vienne

- Development of the software BasiCompta.

BioInformatic

March 2014 – June 2014

Technology degree internship - IBCP, Rhône-Alpes division of Bioengineering and computer science, Lyon(69)

- Integration in the databases of knowledge of the viruses of hepatitis B and C of tools Biocomputing of annotations and analyses of sequences.

BioInformatic

September 2013 – March 2014

Versailles INRA

- Building a pipeline for the automated classification of the genomes fonctionnal annotation data belonging to the cheese ecosystems.
- Works quoted in PLOS one paper, April 2015 (Acknowledgments section).

PROJECTS

Speaker - Event sponsored by Altij. Preparation and presentation of work on web tracking. Meetup event.

Speaker - Inauguration of Niort Numéric's new offices. In association with an iOS expert and a datascientist. Preparation and presentation of the work around the creation and re-training of machine learning models with Tensorflow and their implementation in native mobile applications Android (Kotlin) and iOS (Swift). Meetup event. Rediffusion of the event.

Speaker - Event sponsored by the CCI of Deux-Sèvres. In association with an iOS expert. Preparation and presentation of work on the Android 9 novelties from Google I/O 2018, and reconciliation of similar evolutions with iOS 12. Meetup event. Quotation.

Speaker - Preparation and presentation of works about machine learning models retraining and their integration in native Android applications (Kotlin). Project.

Arcade machine - Creation of an arcade machine, with a Raspberry Pi B. Photo.

JukeBox - Creation of a small JukeBox with a Raspberry Pi 2 and a touchscreen interface written in Python.

Domotic - Weld and sensors installation on a Rapsberry Pi 0, recording of the data in a local DB, creation of an REST interface in PHP, creation of the mobile application (Android Kotlin) to read the values. Screenshot.

Commemorative photo frame - Creation of a commemorative photo frame with Raspberry Pi 3, with the host of a Web page to put down the new photos to be shown on the frame.

Cloud server - Creation of a cloud server with Raspberry Pi B+ and an external hard disk with the software OwnCloud and the manager of DNS No-IP

SKILLS



Maxime FERRIER

Android developer

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🎂 April, 11, 1992

TRAINING



Kotlin Developer Masterclass - Build Android & Kotlin Apps
Certificate
Udemy
September 2017

Master in Physiology, Biotechnology and Computer science
Option Life Imaging Platform - With Honours
University of Poitiers (France)
2016 - 2017

Bachelor Bioengineering and computer science
University of Poitiers
2014 - 2015

Technical College Diploma in Biology
Option Bioengineering and computer science
University of Clermont1, Aurillac
2011 - 2014

LANGUAGES

Franch (Mother tongue)

English (TOEIC : 780)

HOBBIES

Sport : Rugby (18 years in competition), Judo (5 years), Basket (1 year), Mountain hiking

Associative : rugby trainer of 2 under 15 years teams (1 year), FEBA Treasurer 2012-2013, Meetup group member Développement mobile Niort (Mobile development Niort), Member of Legal Hackers Toulouse.