

 Moshi RxAndroid

Retrofit

Firebase Messaging

for the MAIF company

Java & Kotlin

Webinar Android Kotlin

for the Macif company

Hybride mobile development

Setting up a Mobile Factory

Internship Master 1 - Sopra Steria Niort

Testing of these solutions.

Web / Database development

Redesign of the database.

Bachelor internship - CDOS de la Vienne

• Data migration.

Web development

BioInformatic

science, Lyon(69)

**BioInformatic** 

Versailles INRA

PROJECTS

Meetup event.

written in Python.

**SKILLS** 

**Android Studio** 

Speacker

**Native Android Java** 

**Native Android Kotlin** 

the values. Screenshot.

**Koxinel Prod** 

Sopra Steria Niort - In service at the customer

· Customer mobile application redesign. • Native Android development (Kotlin).

Work-study internship Master 2 - Sopra Steria Niort

• Development of the hybride MACIF application.

Sopra Steria Niort

RxAndroid

Screens design support.

Google Analytics (Firebase)

Android native application development

Sopra Steria Niort - In service at the customer

Presentation of the work during demonstrations

Development of the Android native <u>MAIF</u> application (Java & Kotlin).

• Technology surveillance (Vocal assistant, Android JetPack, Android Wear, etc.)

the Sopra Steria intern training organisation (Sopra Steria Academy).

Native Android Speech to Text and Text To Speech application (Kotlin).

• Creation of the prototype: shaping of the idea in a hybride mobile application.

• Demonstration mobile application conception for the Socram BANQUE's tender.

• Documentation redaction about mobile applications development organisation.

Technology degree internship - IBCP, Rhône-Alpes division of Bioengineering and computer

• Integration in the databases of knowledge of the viruses of hepatitis B and C of tools

• Building a pipeline for the automated classification of the genomes functionnal annotation

• Works quoted in PLOS one paper, April 2015 (Acknowledgments section).

Speacker - Event sponsored by AltiJ. Preparation and presentation of work on web tracking.

Speacker - 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

Speacker - 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

Speacker - Preparation and presentation of works about machine learning models retraining

**JukeBox** - Creation of a small JukeBox with a Raspberry Pi 2 and a touchscreen interface

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

Commemorative photo frame - Creation of a commemorative photo frame with Raspberry Pi

Cloud server - Creation of a cloud server with Raspberry Pi B+ and an external hard disk with the

3, with the host of a Web page to put down the new photos to be shown on the frame.

Participation to the Sopra Steria intraner mobile application development.

• Prototype presentation in front of Sopra Steria coworkers.

State of the art about existing mobile development solutions.

Design of the website to watch and manipulate data.

Biocomputing of annotations and analyses of sequences.

Android (Kotlin) and iOS (Swift). Meetup event. Rediffusion of the event.

reconciliation of similar evolutions with iOS 12. Meetup event. Quotation.

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

and their integration in native Android applications (Kotlin). Project.

software OwnCloud and the manager of DNS No-IP

Integration of the website on the client's server.

• Development of the software BasiCompta.

data belonging to the cheese ecosystems.

• Prototype presentation in front of the client (MAIF).

· Creation of video tutorials about Android application development in Kotlin language for

Hybride & native Android mobile application development

June 2017 - March 2018

• Android Technology surveillance and oral presentations of the surveillance subjects.

• Research of the idea of application to be created in regard of the subject : the collaborative



**TRAINING Associate Android** Developer KOTLIN

Kotlin Developer Masterclass -Build Android & Kotlin Apps <u>Certificate</u> Udemy September 2017

Master in Physiology,

April 2018 - November 2018

September 2016 - April 2017

May 2016 – August 2016

February 2016 - May 2016

May 2015 – August 2015

March 2014 – June 2014

September 2013 – March 2014

April 2018

**Biotechnology and Computer** science Option Life Imaging Platform - Mention Bien 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)

Sport : Rugby (18 years in competition), Judo (5 years),

Associative: rugby trainer of 2 under 15 years teams (1 year), FEBA Treasurer 2012-2013, Meetup group member

HOBBIES

Basket (1 year), Montain hiking

<u>Développement mobile Niort</u> (Mobile development Niort), Member of <u>Legal Hackers</u> <u>Toulouse</u>.

Maxime FERRIER - October 2019