



FORMATIONS DIPLÔMANTES DANS LES METIERS DU WEB

DIPLÔME MOBILE NATIVE APPLICATIONS DEVELOPER

Certification Mobile Native Apps Developer sur Android Platform

1 Android Application Fundamentals

- Android Operating System
 - Sandox
 - Permissions
 - Virtual Machine (VM)
- Core Framework Components
 - Components & Building Blocks
 - Intents and Filters
 - Activities
 - Services
 - Content providers
 - Processes and Threads
- Application resources
- Manifest File

2 Android Developer Tools (ADT)

- Eclipse ADT Bundle
 - Android SDK
- Android Studio
 - Creating a project
 - Android Studio Tips & Tricks
 - Layout Editor
 - Building Projects with Gradle
 - Debugging with Android Studio

3 User Interface

- Layouts
- Components

4 Building Activities

- Animation and Graphics
- Media and Camera
- Location and Sensors APIs
- Connectivity



Pré-requis

bonnes connaissances dans la programmation en Java SE 7 / Eclipse

Organisation

Durée : 40 jours

Horaire : 14.00 -18.00

Inscriptions : Entretien, CV

- Text and Input
- Data Storage
- Administration
- WebApps
- Best Practices

5 Workflow

- Managing Virtual Devices (AVDs)
- Using the Emulator
- Using Hardware Devices
- Managing Projects
- Building and Running
- Testing
- Debugging
- Publishing
- Support Library

6 Development

- Development Environment
- Building Applications
 - Creating a Project with Eclipse
 - Adding the Action Bar
 - Supporting Different Devices
 - Managing the Activity Lifecycle
 - Building a Dynamic UI Fragments
 - Saving data
 - Interacting with other Applications
 - Content Sharing
 - Multimedia Content
 - Graphics and Animation
 - Connectivity
 - User Info and Location
 - Wearables
- Best Practices