



Baptiste Sansierra

Senior iOS developer

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github.com/baptistesansierra

Senior iOS & Software Developer with 12+ years of experience in native iOS and C++ cross-platform development. Strong background in 3D, image processing, and hearing technologies.

Experienced in developing and releasing medical software within a certified Quality Management System (QMS).

Driven by a passion for learning, exploring new technologies, and solving challenging technical problems with clean, thoughtful solutions.

Work Experience

iOS / Software Developer · Jacoti BV

2017 – Present · Barcelona, Spain

- Lead developer for Jacoti's suite of iOS medical apps: HearingCenter, ListenApp, HearingCenter Pro
- Maintained and extended core C++ libraries (hearing tests)
- Integrated technologies on Qualcomm S7 audio platform

iOS Developer · Freelance

2013 – 2019 · Paris, France / Barcelona, Spain

- Native iOS development for various clients in diverse industries
- Built and shipped multiple Swift / Obj-C apps

R&D Engineer · Mac Guff (Illumination) & Duran-Duboi

2005 – 2013 · Paris, France

- Developed in-house production tools and pipelines (C++, Python, Maya, RenderMan)
- Contributed to major animated and VFX films, including: Minions, Despicable Me 2, The Lorax, La Mécanique du Cœur, Micmacs, Underworld 3

Education

M.Sc. in Image Engineering, Marne-la-Vallée University (IMAC Engineering Program)

2001-2005 · Paris, France

Selective preparatory program in Mathematics and Physics for entrance to French Grandes Écoles · Jean Dautet

1999-2001 · La Rochelle, France

Technical Skills

- **Languages** Swift, Objective-C, C++, C, Python
- **iOS:** UIKit, SwiftUI, SwiftConcurrency, Combine, SwiftData, Realm, CoreData, XCTest
- **Architectures** MVC, MVVM, Clean Architecture
- **Tools** XCode, Visual Studio, SwiftLint, SwiftGen, gdb, git, svn, make, scons, waf
- **Other** CI/CD (Bamboo, Bitbucket), Fastlane, Carthage, CocoaPods, Swift Package Manager, Jira, Sketch, Figma

Languages

- **French** Native
- **Spanish** Fluent
- **Catalan** Beginner
- **English** Proficient
- **Italian** Conversational