

Sascha Salles

iOS Engineer

Optimistic French Student 🙌

Looking for a summer internship

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Currently based in France

(Paris & Bordeaux)

Awards.

WWDC22 & 21 Swift Student Challenge Winner.

2021 Presentation of my project to **Tim Cook** at the Steve Jobs Theater.

2022 Invited to Apple Park for the Special Event.

Creation of AR Experiences

AI Driven AR Robot Sport Coach (ARKit/SceneKit/Vision/CreateML/CoreML)

Music Instruments Discovery in AR (ARKit/SceneKit)

Experiences.

iOS Engineer at Luni (Work-Study Contract, Sept. 2021 to now)

Working on **4** apps, used by **millions** of **people**, **300 000** downloads per day.

Video Studio & Photo Studio

Complex UI features (UIKit/ SwiftUI)

Video / Photo / Audio Edition features (Metal Shaders / Core Image / AVFoundation)

Global Architecture Redesign (Coordinator Pattern / MVVM / UI & Unit Tests)

Omada & Coach Suite. (Fitness Coach)

Complex cross-apps UI features (UIKit/ SwiftUI) on a dedicated SPM package.

Working with **3D/AR** (SceneKit/RealityKit/ARKit) on features like avatar builder / omada-room.

iOS Teacher at Ynov Engineering School (Volunteer, Sept. 2018 to now)

Teaching iOS technologies every Wednesday for 8 hours to 20 students.

Software Engineer at Thales Group (Work-Study Contract, May 2020 to Sept 2021)

Working on army / defense & aerospace projects with the hardware team.

Hardware Lab Inventory iOS App

Used Technologies: UIKit/SwiftUI, Combine, CoreData.

IPXact Desktop App

Creation of a tool that can generate C Headers, VHDL Code and HSI Formatted Excel Sheet for the Software Team from an XML file.

Used Technologies: Qt/C++, XML parser in Python, ElectronJS, TypeScript.

Full Stack Developer at Uncove (Internship, May. 2019 to July 2019)

Development of the landing page (AngularJS, NodeJS, TypeScript)

Education.

2023-2022 Master of Science - Computer Science at Ynov Campus (Graduating in 2023)

2022-2019 Bachelor of Science - Computer Science at Ynov Campus with honors

2018 French "Baccalaureat" - Scientific Field

Skills.

Hard Skills

Common Cocoa Frameworks

Common Design Patterns (Singleton / MVVM / MVC)

Common Programming Paradigms (Object, Protocol, Fonctionnal)

Algorithm & Data Structures

Soft Skills

Excellent Communication Skills

Collaboration, Patience, Rigour and Creativity

Linguistic Skills

English (Professional), French (Native)