

## Alexis Bridoux

Nationality: French

Apple platforms/Swift Developer

Experience: 5 years



## Contact

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Localization: Paris, France

## PROFESSIONAL EXPERIENCES

February 2021  
October 2020

Combine Core Data  
Unit testing JIRA  
UIKit SwiftUI Git

**iOS Developer** in the software team at **Amaris**.

- Implementation of a synchronisation engine between an API and an iPadOS application, making the pulled data available offline, and sent when the network is available. Lead developer of CoreDataCandy (open-sourced project developed at Amaris).
- UIKit and SwiftUI components implementation.

From March 2019

AppKit Cocoa  
Unit testing  
Notarization  
Privileged Helper  
SPM JIRA  
Git MVVM

**Lead macOS developer** and **Product owner** (long-term contract after internship) at **Amaris**.

- Development from scratch of the customizable **Swift macOS** application Octory to onboard a user on their new Mac, then to watch over them as an interface with the support.
- Octory website development (full-stack): **back-end** with **Vapor** and **front-end** with **Bootstrap**.
- Octory wiki development: **HTML**, **CSS**. Materials repository management.
- Octory technical demos and marketing presentations. Help and community management on Slack.

September 2018  
March 2018

UIKit Core Data

**iOS professional training**.

- iOS app development to simplify shopping list edition using purchase history.

February 2018  
September 2017

UIKit iOS Charts  
Speech recognition

**iOS developer** (internship) at **HN Group**.

- Development of a virtual assistant for **iPad (Swift)** to **compute data** and display interactive charts with **speech interaction**.

## SCHOOLING

- 2016 → 2019. Engineer in **Computer Science** and **Telecommunications** at IMT Lille Douai engineering school. Specialization courses: BigData, Data Science and Distributed architectures.
- March → July 2018. Studies semester in **China**, Xi'an (Xidian) university.
- 2013 → 2016. CPGE (Higher School Preparatory Classes) Mathematics/Physics at lycée Fénelon (Paris VI).
- 2013. Baccalauréat (with honor) at lycée Gasnier Guy Sainte Bathilde (77 - Seine et Marne).

## PERSONAL ACHIEVEMENTS

- Scout: Make specific formats data values reading and writing simple when the data format is not known at build time: JSON, Plist, XML. [Swift](#) [Open-source](#) [Command line](#) [SPM](#)
- Lux: A Swift library with a dedicated command-line tool to colorize plain code (e.g. for terminal output), HTML files code blocks or attributed strings (e.g. for macOS or iOS apps). [Swift](#) [Open-source](#) [Command line](#) [SPM](#)
- Woody's findings: Blog about macOS and Swift development. [Swift](#) [Vapor](#) [CSS3](#) [HTML5](#)

## SKILLS

- **Swift**, **iOS**, **iPadOS**, **macOS**, **tvOS**, **watchOS**, **Vapor**, **SPM**, **CocoaPods**. Professional activity and hobby for **5 years**.
- **Git**: Mastering of the model "A successful Git branching model". Trello, JIRA.
- **Web**: **back-end** (Vapor) and **front-end** (HTML5, CSS3, Bootstrap).
- Additional experiences with **Java**, **Python**, **C**, **Bash**.
- **Keynote**: slides design and animation. Live sessions: audience engagement.
- Apple platforms, web and visual design: **Pixelmator Pro**, **Sketch**, **Affinity Publisher/Designer**.
- **French**: native tongue. **English**: Fluent - TOEIC: 845. **German** and **Chinese** (Mandarin): basis.