

Pierre Espenan

iOS & JS software developer

I am currently working at Upmysport on a native iOS app I made from scratch and on a PhoneGap Webapp. I also used to work for Orange Lab UK on the messaging Webapp Libon, and for Airbus as an industrial software developer.

People know me as a hard-worker and someone who pays attention to details. I also get highly involved in the projects I work on.

Experience



Upmysport
iOS & PhoneGap software developer
Jan '15 – Now (1 year 7 months)
London, United Kingdom
Permanent employee

Languages: Objective-C, JS, Swift, Ruby

Technologies: Cocoa Touch, CoreData, AFNetworking, PhoneGap, Backbone.js

Tools: Git, Trello, Xcode, CocoaPods, Fabric

Upmysport product is a client management system for sport coaches and a reservation system for users.

I took over the PhoneGap app and released 1 major version within 3 months of my arrival, followed by 11 minor versions with new features, bug fixes and performance improvements, over the span of 8 months.

In the next 6 months, I then entirely developed and designed from scratch to release a native iOS application, with: login & signup views, GPS-based search, booking system, client management system, credit card details storage, invite clients to sessions system, messaging system, review form, notifications, calendar integration, ...



Orange
Webapp software developer
Nov '13 – Dec '14 (1 year 2 month)
London, United Kingdom
Permanent employee

Languages: JS

Technologies: Backbone.js, Marionette, jQuery, RequireJS, Lodash, SASS/Bourbon, JsSIP

Tools: Grunt, Git, Jenkins, Jira, Confluence, Smartling

I joined a team of ~70 people working on Libon, Orange's official over-the-top messaging service. In a sub-team of 6 people, I took part in the development of the Libon webapp.

One of my main tasks (~5 months) was to implement a voice calling feature (app to app & app to GSM) into the webapp. To do so, I relied on the WebRTC technology, and had to work hand-in-hand with a large set of people, including product managers, API developers, iOS & Android developers, ...



Airbus
Industrial software developer
Mar '13 – Aug '13 (6 months)
Toulouse, France
Final year internship

Languages: C++

Technologies: Win32, Qt, SQLite

Tools: SQLite browser, internal confidential tools

Assigned to the Flight Warning System team for the A320, A350, A380 and A400M planes, my task was to develop a tool able to generate the documentation of the on-board Flight Warning System embedded in planes' cockpit.

In a span of 5-6 months, I built a program retrieving data from an SQLite database and generating a Word document of around 400 to 1000 pages.

Being the only software developer in the department, I had to effectively communicate with the other team members, in order to clearly understand their need and produce a program easy to apprehend.

Learning

Swift: Having started iOS development on iOS 4, most of my knowledge is about Objective-C. To stay up-to-date, I am currently learning Swift thanks to The Big Nerd Ranch Guide books.

Android: Looking to expand my skills in the mobile development world, I recently started to learn Android development thanks to The Big Nerd Ranch Guide book.

Other than reading about technology, I am also interested in business, economy and self-help books. Some of my best reads were *Rework*, *The New Digital Age*, *Zero To One*, *Basic Economics*, *Eat That Frog*, *Start With No* or *The 48 Laws Of Power*. I also regularly perform bodyweight exercises and running to stay fit.

Education



2008 – 2013
School of Information Technology Expertise
M.S. Degree – Graduated in September 2013
Toulouse & Paris, France



2011 – 2012
Jönköping University – School of Engineering
Information Engineering and Management – Master 1
Jönköping, Sweden

Internships



LoungeUp
Nov '12 – Feb '13
Toulouse, France
Intern, 4 months

**OOP PHP, Jelix, JS,
PostgreSQL, HTML/CSS**
Mobile Web development



Toulouse Football Club
Nov '10 – May '11
Toulouse, France
Intern, 8 months

Objective-C, C++, PHP, XML
Development of the official iPhone
application from scratch to release



VietSoftware International
Jul '09 – Dec '09
Hanoi, Vietnam
Intern, 5 months

Objective-C
iPhone application developments

Languages

- **English:** fluent
- **French:** native
- **German:** written proficiency

Miscellaneous

- **Created, managed and administrated the blog alpha-geek.fr** (FR)
Up to 1300 daily unique visitors. Future version: aagk.fr (FR)
- **Wrote a paper about MD5 and SHA0/1 vulnerability**
alpha-geek.fr/MD5_SHA1_espenan.pdf (FR)
- **Hobbies:** Computer sciences, Photography (alphageek.fr/photobook), Reading, Cooking