

# João “Jay” Pires

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**GitHub:** <https://github.com/joaoc-pires> | **Personal Website:** <https://joaopires.com>

## Introduction

Native iOS Developer with over 8 years of experience, driven by the aim to develop intuitive mobile applications aimed at addressing everyday challenges. Hard working, independent, and reliable, with a proven track record of building performant and lightweight applications that help solve real life problem users have.

Currently looking to work in a more international market in order to keep improving.

## Experience

### Cortado Mobile Solutions

### iOS Developer

11/2019

Remote, Berlin, Germany

- Took ownership of ThinPrint macOS App maintenance within an agile cross-functional team;
- Developed and maintained the Cortado, Ezeep Blue, and Teamplace apps within an agile multi-functional team;
- Increased Unit Test coverage in the Cortado app and Ezeep Blue app to >85% and >70% respectively;
- Increased UI Test coverage in the Cortado app to >40%;
- Removed *virtually* all traceable memory leaks in the Cortado and Ezeep Blue apps;
- Implemented IAP, and native login in the Teamplace App, the later taking advantage of Apple's Keychain;
- Reworked both Cortado and Ezeep Blue apps to be have the business logic be platform agnostic and in a separate module;
- Migrated over 5000 lines of Objective-C code in Teamplace to Swift;
- Implemented the Scan Document feature in Ezeep Blue app using native APIs to create a file and print it;

### Next Reality

### Junior iOS Developer

05/2018 – 10/2019

Lisbon, Portugal

- Collaborated on the initial project for the Best Bank v4;
- Maintained the Objective-C code of the Best Bank v3 app;
- Replaced the Unity/Vuforia in favour of Apple's ARKit and Firebase MLKit to scan labels and barcodes respectively;
- Refactored the DECOVinhos app, updating its old codebase from Swift 2 to Swift 4.2;
- Refactored the VisitAR app removing all Objective-C code;
- Developed and maintained the H2O Quality app within a multi-functional team;
- Developed the initial release of the myCNAIM app within a multi-functional team;

## Education

### Bachelor in Computer Engineering

Universidade Autónoma de Lisboa

2017 - Current | Lisbon, Portugal

### Informatics Applied to Business (EQF Level 4) (UK A-Level equivalent)

Salvaterra de Magos Professional School

2001 - 2004 | Lisbon, Portugal

## Personal Projects

### Ares

An exemplary RSS Reader, embodying excellence in its functionality. Historically, undertook annual rewrites as a strategic measure to remain aligned with the latest APIs from Apple.

**Technologies:** CoreData, CloudKit, Realm, SwiftUI, SPM, XML, HTML, JavaScript

### Rede

A weekend endeavor born out of the frustration of perpetually uncertain train arrivals at Portugal's historic stations.

**Technologies:** SwiftUI, SPM, RESTful

## Technical Skills

iOS Development

UI/UX Integration API Integration

Native Mobile Development

Agile Methodologies

## Soft Skills

Flexibility Time Management

Team Worker Detail Oriented

Self-Learner Strong Communication

Empathy Giving/Receiving feedback

Problem Solving Client Oriented

## Technologies

Swift SwiftUI SwiftData CoreData

CloudKit Realm SPM UIKit Xcode

VisionKit Objective-C PDFKit

MapKit BackgroundTasks TipKit

StoreKit WebKit ARKit XML HTML

JavaScript Lua CSS Firebase

RESTful Python VBA Git

## Languages

Portuguese Native

English C2

Spanish B2

## Courses

### Lean Six Sigma Green Belt

2018 | Universitat Politècnica de Catalunya

Course to lead improvement projects based on the Six Sigma Methods