

Adam Waite - iOS Developer

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Hello, I'm Adam. I create user-friendly apps for iPhone and other Apple devices. I'm based in London.

I'm at my best in Xcode, creating native apps with Swift and the iOS SDK. I'm also comfortable writing for browser and server environments.

With an interest in the intersection of technology and design, I taught myself how to code using books and experimentation back in the days of iOS 3, manual memory management and setFrame:. I've since had five years of professional experience.

I started my career at leading London-based digital agencies including The App Business and DigitasLBi, where I worked within talented teams to deliver a range of apps to clients including E.ON, Virgin Atlantic and Unilever. I later gained additional experience on a freelance basis, helping start-ups, large businesses, more agencies, a top UK university, and a large online music magazine and ticketing platform.

I strive to write clean, modular, testable code using thoughtful architectural design and Apple's recommended practices. I stay up to date with the latest in iOS. I'm an active member in the iOS community. I'm always looking to challenge myself and to learn and improve.

Where there's a interest in technology, there's an equal interest in design. I believe an app should be designed with a focus on the person that is going to use it; it should be clear, considered and driven by enjoyable interaction - and that's reflected in every decision I make in my work.

When I'm not writing code I enjoy triathlon training, watching live electronic music, and working on personal projects.

Professional Experience

Resident Advisor - iOS Developer

September 2015 - Present, Haggerston London

Resident Advisor is an online magazine and ticketing platform dedicated to showcasing electronic music. I joined RA to help take their mobile offering to the next level. I worked on two apps through Swift 1.2 to Swift 3.

RA Guide is a consumer application containing event listings, artist profiles and tickets. I introduced Apple Pay, iOS 10 rich notifications containing recently announced events, a Today widget, in-app tickets, music library scanning, amongst many other features. RA Guide was frequently featured in the App Store, most notably in their UK Apple Pay promotion.

RA Ticket Scanner is used by music venues worldwide to manage guest entry. Most venues have multiple door-staff working in a low connection, high pressure environment - so syncing and performance is absolutely critical. I refactored the existing codebase to allow the app to handle tens of thousands of tickets. It was used to scan over 60,000 tickets over the week of Sonar Festival in Barcelona.

Aside from the apps I introduced a core library repository (RACore, RACoreData, RAUIKit), set up a continuous integration process with Xcode Server and bots, and introduced testing targets in all applications.

YouSoft - Freelance iOS Developer

March 2015 - August 2015, Notting Hill London

Digital agency YouSoft contracted me to refactor a legacy codebase written in Objective-C for iOS 3 and hacked-at since.

The app is called VPAR and enables amateur golfers to record their rounds and see how they compare to their friends and other competitors using live leagues and scorecards.

I introduced a testing target, ARC, Auto-Layout, Storyboards and Apple's best practices before later implementing a much-needed redesign and some new features on the updated codebase.

Keekla - Freelance iOS/Rails Developer

March 2014 - March 2015, Southwark London

Keekla is a smart recruitment start-up which aims to provide candidates with the jobs they want, and employers with the candidates they require.

I designed and built a universal iOS app and a Ruby on Rails web application/API from idea to production. The app is used by many legal professional's, and some top law firms.

UCL - Freelance iOS Developer

October 2014 - November 2015, Remote

I created an app for the Geography department at UCL.

The app aims to help wetland managers in England and Wales understand the impacts of climate change in the next 50 years. The app was my first written in Swift and takes advantage of the iOS 8 adaptive layout APIs to deliver a consistent experience across all iOS devices.

Fuerte International - iOS Developer

September 2013 - March 2014, Old Street London

Fuerte International is an award-winning mobile production agency based in London and Prague, developing apps for iPhone, iPad, Android and Windows 8.

At Fuerte I delivered a localised road-safety app for Ford, a whisky recommendation app for Chivas Regal, and updated several enterprise apps for iOS 7 compatibility.

DigitasLBi - iOS Developer

August 2012 - August 2013, Brick Lane London

DigitasLBi is a world-leading global marketing and technology agency.

By working within collaborative teams, I strengthened my understanding of technical best practice and was actively involved in the creative and strategic process. iOS projects included an energy tracking app for E.ON, updating a legacy Virgin Atlantic flight-tracking app, and creating several prototypical apps for clients including Cadbury's and Avis. I also contributed to several web interface builds during my time with the company.

The App Business - iOS Developer

December 2011 - June 2012, Soho London

The App Business combines an understanding of audiences, brands and technology to create business transforming apps.

After University I moved to London and started my first professional role at The App Business. At TAB I helped to build a turn-based social word game, a lunch recommendation app, and worked on several web projects.

Personal Experience

Open source

Ongoing, <http://github.com/adamwaite>

I maintain some open source libraries.

The most popular library is Validator (number of downloads on CocoaPods is approaching 200,000). Validator is a protocol-oriented user input validation library written in Swift 3.

There's also iOS-BuildKit, a modular command line interface for automating iOS builds written in Ruby (not as useful these days with Xcode Bots and tools such as Fastlane).

Other projects include a waterfall UICollectionViewLayout based on iOS 8 self-sizing cells, and an iOS drag and drop API.

Tri Pace

Ongoing, <https://itunes.apple.com/us/app/tri-pace-triathlon-pace-calculator/id1191647134>

I designed, built and released a clean and simple pace calculator for triathlon. It uses the Measurements and Units API introduced with iOS 10. It was created mainly because there wasn't a user-friendly equivalent on the App Store already, but also to promote 'Tri Weekly', a weekly triathlon newsletter that I curate.

dREaM Alarm

December 2011

I like to leave the first iOS app I released to the App Store on my CV! It was called dREaM Alarm.

dREaM Alarm was an intelligent alarm clock that wakes the user at the point at which they are most likely to remember their dreams. It used the iPhone's accelerometer to detect when the user has fallen asleep, and sounded the alarm in the rapid eye movement (REM) phase of sleep - the time in which dreams occur. It was accompanied with a node.js service that allowed users to upload their dreams on the site and share with friends through social channels.

Core Skills

- **iOS:** Swift, Objective-C and the system frameworks.
- **Web:** HTML, CSS, JavaScript, Ruby on Rails.
- **Creative:** Sketch, PhotoShop, Ableton.
- **Process:** Git, Agile, Lean, Xcode Server, Jenkins, JIRA.

Education

- **Masters Degree:** Electronic Engineering MEng 2(i) Hons, 2007-2011, The University of Warwick.
- **A Levels:** ICT (A), Mathematics (A), English Language (B), 2005-2007, Runshaw College, Preston.
- **GCSEs:** 10 GCSE A*-C, St Wilfrids, 2000-2005, Blackburn.

References

"While working at LBi with Adam, I found that he was an extremely talented developer with a knack for the kind of detail that is required for mobile development. He is hard-working, dedicated and passionate about what he does. Adam helped us deploy an iOS app for a major energy provider used by thousands of customers in the UK, as well as taking it upon himself to improve and re-factor an app that had immense technical debt for a major airline. Adam will put the effort, time and energy into any project he is given and I was always eager to have him on my team." - Martin Buhr, DigitasLBi.