# Adam Fallon

https://www.adamfallon.com

Email : adam@adamfallon.com
Mobile : +44 7542665483
https://www.github.com/afallon02

## SUMMARY

Experienced iOS Developer with a demonstrated history of working in the Apple ecosystem using Objective-C and Swift. Also skilled in Java, Spring Framework, and Scala. Strong engineering professional with a Bachelor's degree focused on Computer Science from Queen's University Belfast.

## EXPERIENCE

- **Rightmove** — London, UK
  *iOS Developer→Senior iOS Developer* — *July 2017 - Present*
  - Owned pieces of work, including updated search filters page, app-native targeted advertising, and a remotely configured framework for A/B testing.
  - Set up build pipelines to enable the team to use the GitFlow branching strategy. Reduced the number of manual steps in the release process via Fastlane. Sped up the build by 5x by tweaking Xcode settings and implementing build caching with Bazel.
  - Migrated modules in the Rightmove API from Java 7 & Spring MVC to Java 11 & Spring Boot.
  - Introduced Clean architecture with VIPER. Change of architecture solved issues with hard to test view controllers in previous MVC pattern.
  - Migrated 33% of the Rightmove codebase from Objective-C to Swift.

- **Kainos Software** — Belfast & London, UK
  *Trainee Software Engineer→Associate Software Engineer* — *July 2016 - June 2017*
  - Implemented DICOM image viewer in Kainos Evolve, working with a third-party API provider.
  - Added voice-note taking function within Kainos Evolve using the AVFoundation framework.
  - Created automated mapping tools in Scala to convert SQL to Spark data frames.
  - Drafted proposal for support of a decimal datatype to Spark Avro open source library.
  - Ran Kainos AppCamp, teaching 20 1st year computer science students how to build and release an iOS app.

## EDUCATION

- **Queen's University Belfast** — Belfast, Northern Ireland, UK
  *Bachelor of Engineering* — *Sept. 2012 – June. 2016*
  - Computer Science with Professional Experience.

- **St Louis Grammar School** — Kilkeel, Northern Ireland, UK
  *Qualifications* — *Sept. 2005 – July. 2012*
  - 11 GCSE's: A, 8 B's, 2 C's
  - A-Levels: A - ICT, B - Technology and Design, B - English Literature
  - Principal's Award winner

## AWARDS

- **Technical Triumph**: Kainos App Camp 2013
- **1st Place**: Liberty IT, Community Hack 2013
- **1st Place**: AllState Connected Car Hackathon 2014
- **Cloudera Silver Partner Award**: Kainos Enstar GlobalDataHub
- **Stack Overflow**: Top 10% under iOS tag, Top 20% under Swift tag

## Programming Skills

- **Languages**: Swift, Objective-C, Kotlin, Java, Scala
- **Technologies**: iOS, Spring, Apache Spark, Hadoop, ElasticSearch, Kibana, xcodebuild
- **Frameworks**: URLSession, AFNetworking, Grand Central Dispatch, AutoLayout, Core Data, AVFoundation

## References

- References available upon request