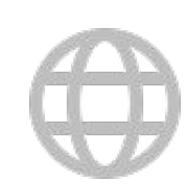


LUKE ROBERTS

iOS Developer



lukeroberts.co



[/luke-roberts-46b80418a](#)



[LukeRobertsApps](#)



ABOUT

I am an iOS developer with 4 years of professional experience. I have completed my degree apprenticeship where I studied for a Bsc in Digital and Technology Solutions whilst working for a software development company.

I have experience and thrive in team environments as well as working on solo projects, helping to deliver apps for fast-paced startups as well as larger, more traditional waterfall projects. I write structured, neat and flexible code that fits into any codebase. I particularly enjoy both system and user interface design, focusing on creating great user experiences as well as improving developer maintainability.

With extensive platform knowledge and a genuine passion for Apple technologies, I stay up to date with the latest advancements and bring new insights and thinking into my current work. My strengths include clear communication and the ability to break down complex concepts for non-developer colleagues. This, combined with writing readable code and my varied experience with multiple client projects make me a well-rounded developer.



SKILLS

- Swift, SwiftUI, UIKit, XCTest, Swift Testing, RESTful APIs
- Core Bluetooth, WidgetKit, App Clips, Concurrency, Combine, AVFoundation, UserDefaults
- Agile, Waterfall, SCRUM, MVC, MVVM, Coordinator, Clean, SPM, Carthage, CocoaPods
- Git, Fastlane, App Store Deployment, Jenkins, CI/CD



EDUCATION

University of Suffolk

BSc (Hons) in Digital and Technology Solutions (Software Engineering) - First Class

A Level

Computer Science: A* | Physics: A | Mathematics: A

GCSE

English Language: 8 | Mathematics: 8 | Computer Science: 9 | Physics: 9 | Biology: 8 | Chemistry: 8 | German: 7 | Geography: 7 | Music: 6 | English Literature: 6



EXPERIENCE

iOS Apprentice Developer, Coderus Ltd

2020 - 2024

I worked as an apprentice iOS developer at a software development firm specialising in BLE and companion apps. In addition to my apprenticeship, I ran several projects and designed systems both in a team and independently, giving me experience working with Bowers & Wilkins, Siamec Systems, Hybrid Access and Ring Connect. Recent projects include:

Whitelabel Park Application

- Developed a whitelabel app, allowing the inclusion of bespoke features, strings and assets, making for easier rebranding for potential clients.
- Designed a maintainable analytics system, allowing for different providers to be used. This helped us make data-driven decisions for the application.
- Implemented a binary size tracking system, unpacking IPAs and recording the sizes of different parts of the application, providing evidence for our ISO 14001 environmental certification.
- Worked with various different technologies such as Widgets, App Clips, Caller ID and ARKit to expand our offering for potential clients.

Subwoofer BLE Companion Application

- Designed and wrote an interface-agnostic communication library and protocol, allowing for expandable and maintainable device communication, primarily using BLE.
- Worked with multiple external teams to deliver a full solution, including providing interfaces for external developers to work with the application.
- Managed Jira boards, refined tasks and helped to run client meetings, facilitating smooth project operations.

Dissertation Project

- Worked on improving smart device setup and guest experiences utilising BLE and App Clips.
- Wrote an academic report, detailing available technologies, development challenges and a range of research and references.
- Used technologies such as Core Bluetooth, App Clips, Raspberry Pi, Python, and Firebase.
- Delivered a presentation and Q&A session.

General

- Created the coding style guide and linter configuration to ensure code quality across all projects.
- Designed an extensive workshop for work experience students based on previous feedback.
- Volunteered for several career events and talks, developing my public speaking skills and advertising the company to prospective recruits.

Sales Assistant, QD Stores

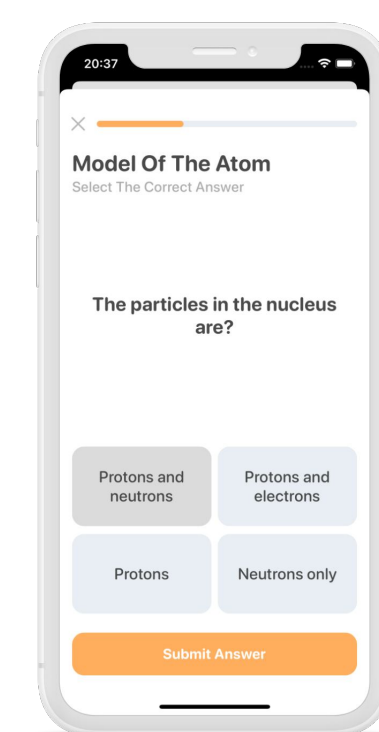
2019 - 2020

Merchandising and Sales, PC World

2017 - 2018



PERSONAL PROJECTS



Science Makes Sense

- Worked with science teachers, solving the problem of a lack of easy to use GCSE revision apps.
- Uses SwiftUI, StoreKit, Codable and UserDefaults.
- More projects can be found [here](#)



OUTSIDE INTERESTS

In my spare time I like to play both collaborative video games as well as board games. At weekends I meet up with friends and go to the theatre, ballet, developer conferences and live music gigs. I also play the trumpet and collect vinyl records. I completed the Duke of Edinburgh bronze award which combined my skills of working in a team and teaching adults computer basics. I am also interested in environmental and social issues.