BENJAMIN HENSHALL

106 WESTON ROAD

STOKE-ON-TRENT, ST3 6AL

UNITED KINGDOM

TELEPHONE : 07921 881 005

E-MAIL : BEN@HENSHALL.PLUS.COM

WWW.BHENSHALL.CO.UK

Work Experience

Feb-May 2018

Coderus - Graduate iOS Developer (Full-time)

Key engineer within the iOS development team in an agile scrum environment, using periodic sprint reviews to assess performance and identify areas of weakness to improve both soft and technical skills for both me and other developers in the iOS team.

Provided bespoke apps to company clients by developing new features and investigating/fixing reported bugs, working primarily in Swift 3.0 with **CoreBluetooth** and Bluetooth peripherals.

Engaged in meetings of clients, offering advice on technical decisions, such as app store keyword limitations and solutions to non-trivial raised issues.

Interfaced between the developers and QA team to assess UI testing framework options that would share similar technical skills with the development team, as well as provided in app functionality required for UI testing (mocking of devices and connectivity states).

Trained within the QA team for the first month of employment due to company policy, which allowed me to experience the full lifecycle of an app version and view how the two departments interact.

May-Aug 2012

Reiko Kaneko Ltd - General Workplace Assistant (Part-time)

Worked alongside the entrepreneurial owner to reduce workload when the business moved to a new building.

Responsible for decorating, packing/shipping orders and occasionally interacting with customers with queries about their orders.

May-Sept 2011

Emma Bridgewater - Kitchen Staff (Full-time)

While completing a work experience program, I was given the opportunity to excel when the company was holding a stakeholders dinner. My work ethic during this time was so excellent that I was offered a full time position within the kitchen staff by the kitchen manager.

Refined communication skills by interacting often with both team members and customers to provide a top experience to customers.

Maintained a high standard of service in a pressure filled environment where deadlines need to be consistently met without a compromise in quality.

Responsibilities included sorting documents, data entry, working as a team to provide customers with excellent food and service, while also handling disgruntled customers.

Skills

Languages (Proficient):

Swift, Java

Languages (Experienced):

Objective-C, Python, Ruby, Bash, HTML, CSS, JavaScript, C, SQL

Frameworks, Tools & Technologies:

RxSwift, UIKit, CoreBluetooth, XCTest, Appium, Node.js, StoreKit, RxDataSources, RxTest, RxBlocking, Cocoalumberjack

Sketch, Fastlane, CocoaPods/Carthage, Xcode, Git

MacOS, AutoLayout, MVC, MVVM, JIRA, REST, Windows, Agile scrum methodology

Personal Projects

Feb-May 2018

RatesMate Currency Converter App - appstore.com/RatesMateCurrencyConverter

Designed, developed and released "RatesMate Currency Converter" to the app store as a sole developer. RatesMate is a simple and efficient currency converter that includes over 150 currencies and tipping customs for 65 countries.

Fully designed the app wireframes in **Sketch**. Built the app using **Swift 4.1** and made heavy use of the Functional Reactive Programming paradigm using **RxSwift** in an **MVVM** architecture. In preparation for this project, I purchased and worked through RayWenderlich's advanced RxSwift book. The apps backend is built using Firebase, pulling from several **RESTful web services**.

Developed the app with the focus of learning and progressing as an iOS developer, by both learning Reactive programming and also focusing on introducing myself to new design patterns such as **Dependency Injection** and **Co-ordinators**.

2016-Present

BHenshall.co.uk - Personal portfolio website (github.com/Ben-Henshall/PortfolioWebsite)

Created a personal website as a centralised access point to any of my portfolio projects and host my CV.

Designed and constructed using HTML and SCSS.

Wrote two blog posts - a technical overview of my recently released app, RatesMate, and a short history about the developer community for PokemonGo.

Education

2013-16

BSc Software Development, University of Liverpool, First class

Relevant Modules include Mobile Computing, Software Development Tools and Software Engineering II.

As part of my final year project I designed and implemented a Java program able to dynamically compose music using the jMusic package. This helped to enhance my independent research skills as well as improving my planning, presentation & time management skills. The code for this project can be found at github.com/Ben-Henshall/jMusic-composer. I achieved a grade of 71% for this module.

Devised and developed a Java server/client application for displaying local tourist attractions alongside 4 other course members as part of my group software project module. I was responsible for the user interface implementation in Java Swing as well as designing the initial class architecture.

Competed in an assessed class Robocode competition and placed third out of thirty students.

2010-13

BTEC Level 3 extended Diploma in IT, Newcastle-under-Lyme College

Achieved a final grade of D*D*D.

2005-10

GCSEs, Sandon High School

7 GCSEs, all grades A-C. Includes English, Maths and Science.

Hobbies and Interests

- I speak beginner level German and am working towards becoming fluent.
- Represented the University of Liverpool pool society at a tournament in Great Yarmouth.
- I spend a large amount of my spare time playing video games, mainly MMORPGs, enjoying the culture surrounding them as well as the amount of statistical analysis available due to their depth. Recently, I have been playing a large amount of Path of Exile, an action RPG.
- I enjoy reading - mainly science fiction, which includes authors such as Isaac Asimov, Arthur C. Clarke and Douglas Adams.
- I take great interest in developments in artificial intelligence and the ethical/philosophical issues surrounding them, which intersects nicely with a lot of the hard science fiction I enjoy - especially Asimov.
- I watch a large amount of films and in 2010 finished my aim of watching every film in the IMDB top 100 list. My favourite directors include David Lynch and Paul Thomas Anderson.
- During the football season, I compete in several fantasy football leagues. Last season, I finished in the top 2% of 5.6 million players.