George Baker

www.gsbaker.uk | george@gsbaker.uk | +447758405156 | linkedin.com/in/georgestephenbaker | github.com/gsbaker

Education

BSc Computer Science at University of Birmingham — 2019-Present
• Programming in Java — 97.5%
• Data Structures and Algorithms — 92.33%
• Artificial Intelligence — 85.8%
• Logic and Computation — 100%
• Mathematical Foundations of Computer Science — 68.1%

A Levels at Bishop Challoner Catholic College — 2017-2019
• Computer Science — A*
• Mathematics — A
• French — B

GCSEs at Bishop Challoner Catholic College — 2017-2019
• English Language, English Literature — 8
• Mathematics — 7
• History, French, Biology — A*
• Chemistry, Physics, Religious Studies, Computer Science — A

Projects

See my projects at github.com/gsbaker
Food Diary — Java, JavaFX, MySQL
I used a MySQL database to store data about the foods. I created the application itself using JavaFX and the JDBC API to interface with the database.
Hangman — Swift, UIKit
Having wanted to learn iOS development for a while, I created my first iOS app in Swift using UIKit. I had a lot of fun making this app!
Shmup — Python, Pygame
Following a YouTube tutorial, I created a shoot'em'up game in Python. A spaceship at the bottom of the view was under attack from huge rocks. The player must shoot the rocks in order to survive, accumulating a score as the game goes on. The player is helped by a few power-ups.
Personal Website — HTML, SCSS, Bootstrap
I created the current version of my website using the Bootstrap front-end library. I used Bootstrap because I wanted it to be well optimised for mobile.
Blog — Jekyll, HTML, CSS
I used the static site generator Jekyll to create my own blog attached to my personal website. I used SCSS for the first time to make writing the CSS easier.

Work Experience

eBay — June 2018
I worked with eBay's software development team in London. My first week coincided with their 'hack week' — and so I got to work on a small project attempting to implement multi-user accounts. During my second week, I was embedded in one of their agile teams working on day-to-day backend development in Java.

Self Study

• **Learn The Command Line** — Codecademy Course
• **Object Oriented Programming in Python** — YouTube Tutorials by Corey Shaffer
• **Game Development with Pygame** — YouTube Tutorials by KidsCanCode
• **The Java Tutorials** — Oracle Docs
• **JavaFX Java GUI Tutorials** — YouTube Tutorials by TheNewBoston
• **The Swift Programming Language** — free book by Apple
• **App Development with Swift** — free course by Apple

Interests

I like photography, alternative/indie music and films (in the old fashioned sense).