

George Baker

www.gsbaker.uk

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%

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

- Photography
- Alternative and indie music
- West Bromwich Albion FC
- Apple

How To Connect With Me

- Email — george@gsbaker.uk
- Phone — (+44)7758405156
- LinkedIn — linkedin.com/in/georgestephenbaker/