George Baker

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Education

BSc in Computer Science at the 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
• Two grade 8s, one grade 7, three grade A*s, four grade As

Personal Projects

View all of my projects at github.com/gsbaker
Food Diary — Java, JavaFX, MySQL
Utilised a database to store attributes about foods. Created a desktop application using the JavaFX library and the JDBC API.
Hangman — Swift, UIKit
Developed first iOS app. Learnt about UIKit, outlets, actions, view controllers and segues.
Shmup — Python, Pyjama
Followed a YouTube tutorial to build an arcade game using the Pygame library.
gsbaker.uk — HTML, SCSS, Bootstrap
Made a personal website using of the Bootstrap front-end framework. Demonstrated my HTML and CSS skills.
Blog — Jekyll, HTML, CSS, Markdown, YAML
Built a blog using Jekyll: a static site generator. Used markdown to write posts and YAML for configuration.

Work Experience

Work Experience, eBay — June 2018
• Built a project implementing multi-user accounts using Scala with software engineers during their hack week
• Observed day-to-day backend development in Java
• Improved own Java skills
• Delivered a presentation summarising what I had learnt to the whole team
Sales Assistant, The School Uniform Shop — 2017-2019 (seasonal)
• Helped deliver sale events around the UK as part of a team
• Dealt with customers
• Managed stock
Technician, Bishop Challoner Laptop Repair Service — October 2018-August 2019
• Repaired laptops and fixed technical issues
• Updated and installed software

Hackathons

HackTheMidlands — 26th-27th October
• Attended workshops by Twilio, MLH and Capgemini
• Taught a fellow attendee object oriented programming in Python
OxfordHack — 30th-31st May
• Led a team building a COVID-19 inspired game using the Pygame library
• Presented project via a YouTube video submission

Extra Curricular

Volunteer, Acorns Charity Shop — October 2017-July 2019
• Managed donations and stock
• Dealt with customers
Publicity Rep, Birmingham Computer Science Society — May 2020-present
• Manage all social media accounts

- Develop and maintain the society's website: www.cssbham.com
- Recruit new members

Volunteer, HackathonsForSchools Association — May-August 2020
- Directed publicity for the 2020 summer event
- Encouraged potential candidates to join event

Interests
Photography, alternative/indie music and films.