

# Joseph Heyes

I am a determined and enthusiastic second year student studying Computer Science at the University of Nottingham, keen to learn new skills, develop existing ones and apply them to real life situations as a software engineer. I have experience with projects in Python, Java, and C as well as web development technologies such as HTML, CSS, and JavaScript.

---

Nottingham, NG7 | [josephheyес@gmail.com](mailto:josephheyес@gmail.com) | 07484 621412 | [jheyес.dev](http://jheyес.dev)

## Education

### University of Nottingham

BSc Computer Science with Year in Industry | 2021-Present

First year grade: **74%**

- Achieved firsts in the following modules: Systems and Architecture, Computer Fundamentals, Programming and Algorithms, Introduction to Software Engineering, Programming Paradigms
- Learned how to effectively develop software in a team in Introduction to Software Engineering, with test-driven development and extensive use of version control with Git.

### The Nobel School

A Levels | 2019-2021

Computer Science: A\*, Mathematics: A, Spanish: A\*

GCSEs | 2017-2019

10 GCSEs: 3 9s, 5 8s, 2 7s

## Volunteering

### School of Computer Science, University of Nottingham

Mentoring Scheme | August 2022 – Present

- I worked effectively in a team with other mentors to welcome the new cohort of approx. 450 first years and help them settle into the Computer Science course and university life in general.
- I mentor a group of 12 students in order to provide more personal help for them to succeed at university, which helped me to build on my leadership and communication skills.

## Work Experience

### Costello's Café, Stevenage

Customer Assistant/Server | June 2022 – September 2022

- I communicated well with colleagues to serve customers in a timely manner and keep wait times consistently short.

## Budgens Great Ashby, Stevenage

Shop Assistant | September 2019 – August 2021

- Successfully worked as part of a team to receive deliveries and put out stock on shop floor.
- Dealt with sales on tills to deliver great customer service.

## Technical Skills

- Java
  - Learned as part of university module, built a version of Reversi using Swing GUI.
  - Learned JUnit as part of another module and built unit tests for several Java classes.
- Python
  - Learned in secondary school, built 1<sup>st</sup> project using it in A Level.
  - Used basic neural networks as part of university module with Python libraries.
- C
  - Learned as part of university module and applied to various algorithms, including Dijkstra's shortest path.
- HTML/CSS/JavaScript
  - Used to develop front-end for an SQL database
  - Expanding upon knowledge by working on my personal website (see top of first page).
- SQL
  - Learned in secondary school, expanded upon in university module to create database for a website.
- Git
  - Used extensively throughout first year of university for managing coursework and for version control of a group project (pull requests, issues, branches).

## Skills

Teamwork

Problem solving

Attention to detail

Time management

Adaptability

Organisation

## Hobbies and Interests

- Solving programming problems (e.g. using leetcode.com)
- Reading about history, especially medieval
- Playing guitar
- Gaming