

Joseph Heyes

A determined and enthusiastic student, keen to learn new skills and develop existing ones.
Looking for a year in industry placement.

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Education

University of Nottingham

BSc Computer Science with Year in Industry | 2021-Present

First year grade: **74%**

Module	Skills/Information learned	Grade
Computer Fundamentals	Digital logic, low-level networking (socket programming in C), operating systems	95%
Programming and Algorithms	Programming in C – basic data structures (arrays, linked lists, stacks and queues), dynamic memory allocation, implementing sorting algorithms (merge, insertion) and postfix mathematical notation evaluation.	84%
Introduction to Software Engineering	Version control with Git, developing software effectively as a team, requirements gathering/specifications, prototyping, unit testing and test-driven development, release and acceptance testing, agile vs traditional software methodologies, risk management.	70%
Programming Paradigms	Object-oriented programming in Java – aggregation, design patterns, inheritance, polymorphism. Functional programming in Haskell – types and classes, types of functions (recursive, higher order), lazy evaluation.	70%

Not all modules shown. For a list of all modules, visit

<https://www.nottingham.ac.uk/ugstudy/course/Computer-Science-with-Year-in-Industry-BSc#yearsmodules>

The Nobel School Sixth Form

A Levels | 2019-2021

Computer Science: A*

Mathematics: A

Spanish: A*

Technical Skills

- Python
- C
- Java (including Junit)
- HTML/CSS/JavaScript
- SQL

Additionally, some experience with Linux after using Ubuntu as a daily driver for my first year of university.