

Jack Harris

Bristol BS35 1JH jack.harris2003@blueyonder.co.uk
+447941446073

jackharrisprogramming.co.uk

I am currently in my fourth year of studying Computer Science at the University of Oxford. I am a diligent, focused, and self-motivated individual who takes great pride in my work and can learn new technologies incredibly quickly. I am incredibly interested not only in the technical aspects of software development, but also the wider scope of how my work fits into the real world.

Skills and Learned Technologies

- Communication Skills	- HTML	- React
- Analytical Problem Solving	- CSS	- OCaml
- Microsoft Office Suite	- SQL	- Django
- Git	- C	- Java
- JavaScript	- Scala	- D3.js
- Python	- Haskell	- FastAPI

Education

Integrated Master's degree in Computer Science

Includes modules in Algorithms and Data Structures, Requirements Engineering, Databases, Computer Networks, Artificial Intelligence, Law & Computer Science, Computational Medicine, and Computer Graphics.

74% average grade in third year exams.

University of Oxford - Oxford

October 2022 to Present

A Levels in Computer Science (A*), Physics (A*), Maths (A*), Further Maths (A*)

The Castle School, Thornbury - South Gloucestershire

September 2020 to July 2022

GCSEs in Computer Science (9), Physics (9), Maths (9), English Language (9), English Literature (8), French (9), Geography (9), Chemistry (9), Biology (9), Religious Studies (9), Music (9)

The Castle School, Thornbury - South Gloucestershire

September 2018 to July 2020

Projects

SoLiD Advertising Infrastructure

University of Oxford (2025-2026)

Building part of the advertising infrastructure for the SoLiD protocol, using machine learning methods for advanced recommendations.

SoLiD Control Panel

University of Oxford (2024-2025)

Built a machine-learning powered user interface with react.js and FastAPI, for SoLiD, a decentralised data storage protocol.

Bluesky Social Graph Data Visualisation in D3.js

University of Oxford

Talent Finding System

University of Oxford *Team Lead/Backend Developer*

Built a LeetCode-style talent finding system for Microsoft. The system was built with Django, and I acted as team lead for the project, interfacing with the client regularly and organising the development of the entire system.

Work Experience

Website Design Intern

Foundation and Co. - Cirencester

I assisted in building a set of websites for a client of Foundation and Co., using Squarespace alongside custom HTML, CSS, and JavaScript code to meet the specification of the clients. I was also introduced to a Laravel-based marketing management system.

Accomplishments

Awarded exhibitions for academic achievement in my first, second, and third years at the University of Oxford by Jesus College.

I was team lead on a collaborative project between Microsoft and the University of Oxford.

Elected IT Representative for the Jesus College Oxford JCR twice. In this time, I custom built an election system for the JCR, whilst also helping many college students with their IT issues.

Attended the Computer Science Royal Institution Masterclasses at the University of Oxford over three years, from 2018-2020.

Head Boy at The Castle School, Thornbury.

Over several years, I worked with my school's maths department to mentor struggling students in maths. This involved meeting with students every morning before school started and helping guide them through a variety of maths problems.