

NATHAN WRIGHT

First Class Computer Science Graduate - Organised, Inquisitive, Self Motivated

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EDUCATION

University of Birmingham

B.Sc. Computer Science with Honours, Class 1

2021 - Graduated summer 2024

Module categories:

- Security (2 modules)
- AI (3 modules)
- Programming (2 modules)
- Fundamental CS theory (5 modules)
- Team projects (3 modules)
- IoT (1 module)

Project examples:

- Final Year Project: Gamified Attention Data Collection for Dementia Research
 - Acquired independent working, problem solving, and project management skills.
- Security Team Project: Developed hack to turn existing game into flight simulator
 - Acquired knowledge of anti-hack protections, persistence when facing unrelenting challenges, and the value of asking for help.
- Full-Stack App. Dev. Team Project: Developed web app for tournament management
 - Acquired teamwork, web-development and testing skills.

Lord Williams's School, Thame, Oxon

School Years 7-13 (inc. GCSEs & A Levels)

2014-2021

A Levels (3):

Maths (A*), Further Maths (A), Computer Science (A)

Award:

The Nick Nichols Computer Science Prize, awarded for excellence in A-level computer science

GCSEs (8½) & BTEC (1):

Maths (8), English Language (6), Computer Science (8), Combined Science (9, 8), Developing Web Products & Creative Multi-media (A), and others

SKILLS, PROGRAMMING LANGUAGES & TECHNOLOGIES

Problem solving

Programming concepts

Teamwork

Communication & Administration

Java

Python

HTML

JavaScript

VueJS

C++

MySQL

GDScript

Haskell

EXPERIENCE

Short Term Contract (Web Developer)

Twelve Kites (digital agency)

July 2024 - August 2024

- Developed complex web-app features for Twelve Kite's flagship service, including admin features such as whitelist management, email job management, and a dashboard with draggable elements
- Used HTML, JavaScript, MySQL, VueJS, Bootstrap, external libraries (e.g. Google Charts and dotLottie web player), and several in-house APIs

Freelance Programmer

Jabra (audio brand), via Twelve Kites

December 2024-January 2025

- Developed part of a trade-show demo for Jabra using Python and its libraries

EXTRACURRICULAR RESPONSIBILITIES

- University Student Society Committee Secretary (2023-2024 for 2 societies)
- University Student Society Sub-Team Treasurer (2022-2023)

Responsibilities included:

- Attending, organising, and taking minutes for meetings
- Booking guest speakers and meeting venues
- Risk assessments & other paperwork
- Organising events and social media
- Identifying event costs and budgeting for a large week-long event in the centre of UoB campus
- Handling spreadsheets
- Training successors
- Other:
 - During A-levels, was a support student for a GCSE Computer Science class

HOBBIES / INTERESTS

Baking (happy to share!)

Science fiction

Reading

Games

Crafts