

# William Hayter-Dalgliesh



## Address

92 Chevington Green, Hadston  
Morpeth, Northumberland  
NE65 9AX

## Details

**DOB:** 19 November 2000  
**Mobile:** 07541 726012  
**E-Mail:** [willhd2000@gmail.com](mailto:willhd2000@gmail.com)

## Skills

**I have experience in programming in:**  
Python, Java, C, C++, C#, JavaScript,  
OCaml, HTML, CSS, and SystemVerilog.  
**I have Grade 6 in LAMDA Public  
Speaking**, demonstrating my strong  
communication skills.

## Education

### University of Cambridge

**Oct 2019 - Present**

I am currently in my final year,  
working towards a BA (Hons) in the  
*Computer Science Tripos*.

### The Duchess's Community High School, Alnwick

**September 2014 - June 2019**

**A-Levels (June 2019):**

**Grade A\*:** - Maths  
**Grade A:** - Further Maths  
- Physics  
- Geography

**GCSEs (June 2017):**

**Grade 9:** - Maths  
**Grade A\*:** - Further Maths  
- Science Core  
- Science Additional  
- Science Further  
- Computer Science  
- Electronics  
- Geography  
- Applied Art  
**Grade 7:** - English Language  
**Grade 6:** - English Literature

## Links

More information about myself and  
some of the projects I have worked on  
can be found from the links below:

- [My website](#)
- [LinkedIn](#)
- [GitHub](#)

## Work Experience

### Appatier, Blyth

**July - September 2018**

**Job description:** *Unity Programming*

Involved working cooperatively with colleagues on a variety of programming tasks and problem-solving. I used the C# programming language and the Unity engine to assist my colleagues with the project they were working on.

### Rentlord, Tuspark Newcastle

**July 2018**

**Job description:** *Website Development*

Entailed completing a coding project for the company website. This involved learning a new programming language (Ruby on Rails) and working independently with only remote support available. Communication skills were key for discussing my work with the company Director of Operations.

### Boeing Undergraduate Research Project, Cambridge

**July-September 2021**

**Job description:** *Researching and prototyping*

Working with a partner for the summer, we developed a prototype of a tool used to inspect a multiverse of Monte Carlo simulations in the context of explainable AI. The tool was programmed in Python, and used Carla in Unreal Engine 4 for the visual simulation.

## Personal Statement

In 2015, I started creating a mobile game that I eventually released to the Google Play Store. Developing this app tested my knowledge and skills in coding that I had gained through school and self-teaching. My competency in programming has vastly improved since then as I have continually taught myself more, and I am now studying Computer Science at the University of Cambridge. Upon completion of my degree, I hope to get a job as a professional software developer.

Aside from coding, I have taken up other hobbies at Cambridge. In the first two years I was a dedicated member of the Magdalene Boat Club. I have also learnt how to play Eton Fives, and currently hold the webmaster position on the committee of the Cambridge University Eton Fives Club.

A polite and enthusiastic computer scientist, I am looking to build upon the practical skills from my previous work experiences and the knowledge gained from university to gain knowledge in software engineering. I am a highly motivated and capable individual with a keen interest in learning new skills. I enjoy approaching challenges methodically and can adapt to a multitude of working environments. I believe that I will be a strong asset to your team.

## References

**Dr John Fawcett:** [jfk21@cam.ac.uk](mailto:jfk21@cam.ac.uk)

*Fellow of Churchill College, Tutor and Director of Studies in Computer Science*  
Churchill College, Storey's Way, Cambridge, CB3 0DS

**Ms Luana Bulat:** [ltf24@cam.ac.uk](mailto:ltf24@cam.ac.uk)

*Director of Studies and Bye-Fellow*

Murray Edwards College, Huntingdon Rd, Cambridge, CB3 0DF