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# WILLIAM J. HULME

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## Higher Education Qualifications

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|----------------|---|
| 2013 – Present | BSc (Hons) in Applied Computing, University of Dundee <ul style="list-style-type: none"><li>• Programming in C, C++, Java, C#, Haskell</li><li>• Developing in ASP.NET, with SQL</li></ul>  |
| 2012 – 2013    | Higher National Diploma in Software Development, Dundee College <ul style="list-style-type: none"><li>• Programming in C++, C#</li><li>• Database Management with SQL &amp; PLSQL</li></ul> |
| 2011 – 2012    | Scottish Highers, Madras College <ul style="list-style-type: none"><li>• English, Computing and Technological Studies</li></ul>   |

## Employment History

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|----------------|---|
| 2014 - Present | University of St. Andrews, Agnes Blackadder Hall <ul style="list-style-type: none"><li>• Porter &amp; Receptionist<ul style="list-style-type: none"><li>○ Key people &amp; personal skills gained</li></ul></li></ul>     |
| 2013 - 2015    | Wm Morrison's Supermarkets Plc <ul style="list-style-type: none"><li>• Family Butchery Assistant</li><li>• Fresh Produce Assistant<ul style="list-style-type: none"><li>○ Food safety training gained</li></ul></li></ul> |

## Distinctions, Honours, and Awards

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|------|--|
| 2012 | University of Manchester Animation '12 competition <ul style="list-style-type: none"><li>• Third Place, 16+ Group Category</li></ul> |
| 2011 | University of Manchester Animation '11 competition <ul style="list-style-type: none"><li>• First Place, 16+ Group Category</li></ul> |

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To whom it may concern,

From a young age I have always had an avid interest in mathematics, electronics and computers. I have to thank my parents for encouraging me to pursue this field as they could see a talent in me. Throughout my time at Madras College, I was always able to excel foremost in these fields. In 2011 and 2012, I was awarded the Manchester University Animation award for first and third place respectively, for vector animations which a friend and I produced. I was fortunate enough to be able to take Computing and Technological studies to Advanced Higher level in high school before I pursued my Higher National Diploma at Dundee College.

After leaving high school, I also immediately pursued a part time career to go along side my studies, where I was able to join the Fresh Food and Produce team at Wm Morrison's plc, eventually advancing myself through food safety training to work on the Family Butcher and Fishmonger departments. I have also worked as a hotel receptionist and porter for the University of St. Andrews, Agnes Blackadder Hall. Both of these jobs have helped develop my people skills greatly, making me a more social and active person, while also teaching me how to handle difficult situations under stress of which many have arose throughout my working life.

I started my BSc (Hons) Applied Computing at Dundee University, in 2014 after achieving an 'AB' distinction in my Software Development Higher National Diploma. I have very much enjoyed working and developing software solutions in group projects and engineering industry standard solo applications.

In my second year, I developed C++ implementations of a Cellular Automaton, a Binary Tree which can read books, and an open addressed hashing table. I also used Haskell to implement Fibonacci, Tribonacci and Euclidian algorithms for number crunching fun, while also developing an ASP.NET web application with an SQL database. In my third year so far, I have worked on group projects using Java and C# to implement Model View Controllers, on two industry standard web applications with MySQL and Cassandra database back-ends. I also gained experience with CSS and HTML5 during this time. I have also used C# with Xamarin and C++ with Marmalade SDK to develop small Android applications.

My personal hobbies include sports such as tennis and golf, and I am also an avid video game player, where the Grand Strategy and MOBA genres are my favourite. I enjoy figuring out the fundamentals of how the artificial intelligence present in the game works from a programmer's perspective, and using that to my advantage in figuring out how they can be beaten.

I am eager to participate in a summer internship position at your company, to gain insight into how a real-world technology producing company works, and develop my personal and professional skills further.

Thank you for your interest in reading my CV & Covering Letter,

Will.