

ANDREW SIMON WILSON

Mechatronic Engineer

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Name of Company Depart.

Company Name etc.

No. and Street Address

Rest of Address

Country

11th January, 2022

Dear Sir or Madam,

My name is Andrew Wilson, I am a Northern Irish, Student Engineer currently studying a Bachelors of Engineering (BEng) in Mechatronics and a Diploma of Professional Practice (DPP). I would please like to state my interest in applying for XYZ position.

I have a great interest in, and passion for, the topics of Physics, Electronic Design and Theory, RF Communications, and Embedded Software. This interest was cultivated later in my secondary school studies; during my final year BTEC Project I designed and programmed a PIC based door security system and PCB, I found the project incredibly interesting and was amazed at the tasks that could be accomplished through the use of Electronic Design and Embedded Systems. This interest has affected the decisions I have made for my studies and overall career.

During my year long Industrial Placement I worked at an ISTAR (Intelligence, Surveillance, Target Acquisition, and Reconnaissance) based engineering company called Seven Technologies Group working on different research & design based projects. This work gave me critical experience in High-Speed Electronic design, Mechanical design, and Embedded Software engineering amongst others.

I can offer a comprehensive academic background evidenced through attainment of core modules. Additionally, my work positions at Seven Technologies and other companies have given me essential technical skills in a number of Engineering topics. This means that I can excel in the practical application of technologies and engineering as well as academic understanding. My participation in the Ulster Society of Student Engineers (USSE) has also provided me the opportunity to lead strategic and technical projects honing essential skills in communication, presentation, people managing, and time management to name a few. These non-technical skills have taught me a great deal about how to complete projects and carry out my studies and other extra-curricular activities in an effective and practical way.

Along with the mentioned relevant skills and experience I can offer a genuine passion in engineering, innovating, and learning. Whilst my grades may not be of the highest calibre and I find it difficult to convey my academic worth in writing, I can convey it best in practice with my hard work, determination, and dedication.

I sincerely hope that I will be considered for a position in XYZ and I would like to thank you very much for reading my application.

Yours faithfully,

Andrew Simon Wilson