

Mechanical Engineering 1

At university I look forward to being taught by leading professionals who are at the forefront of research in engineering. I am a hardworking and dedicated student and I would relish studying a diverse course that will enable me to choose from many different directions after university. [Good start. Slightly short for an opening paragraph, but good punchy way to begin.]

At college I am studying Physics, Maths and Biology to A-level and Further Maths and Technology to AS-level. I chose to study these subjects because I have always had an interest in science, especially Physics and Maths, and how things work. Whilst studying these A-levels I have developed a particular interest in mechanics, including topics such as projectiles, circular motion and forces [Including specific topics is a really good idea as it shows that you have an interest in a particular aspect of your course]. I really enjoy tackling difficult mathematical problems and working through to the right answer, knowing that I have achieved something through my own thinking and hard work. At AS-level I achieved grade A in Physics and Mathematics, and grade B in Biology [You do not need to mention your grades as the admissions tutor will already have access to this information. It takes up more characters too!]. Whilst I have been in sixth form I have contributed to the school on many occasions. I have been involved in parent and open evenings where I helped to organise car parking with a few other students and have also taken parents on tours around the school. In addition to this I was a year seven's reading partner for a year. Here I helped develop a pupil's reading ability, whilst at the same time as I was developing my own communication skills. I plan to get myself involved just as much when I am studying at university. I have different sorts of work experience, including a day with a structural engineer and a week with a mechanical engineer in a maintenance department of a company that specialises in metal castings and produces parts for Rolls Royce jet engines [Good work experience opportunities! They show that you are committed to the subject.]. The experiences I gained have convinced me that I want to have a career in engineering. I hope to continue gaining more valuable work experience during my year out along with earning some extra money that I can use whilst at university.

Outside of school I spent three years in the air training corps as I had a strong interest in aircraft. During this time I reached the rank of corporal and spent a lot of my time leading the lower ranked cadets. Within the ATC I became involved and achieved highly in many different activities including shooting. My team won the ATC Devon and Somerset shooting competition two years in a row and I had the highest individual score in the competition. I have also taken part in the Nijmegen March, which is a one hundred mile walk to be completed in four days in Holland, alongside military teams from all around the world. Even after six months of intense training I found walking 25 miles everyday a challenge but with high determination and tremendous support from the Dutch public I pulled through. Within the ATC I took part in the Duke of Edinburgh Bronze Award. During the award I helped with the organisation and running of many charity events such as the Royal Marine Commando Challenge in Woodbury, Devon. I enjoyed the challenge so much that I am now undergoing the D of E Gold Award in my spare time, which is developing my time management skills. With the amount of time and hard work I had committed to the community I was also awarded by millennium volunteers. On top of this I have begun to learn a martial art and have started a part time job as a waiter. [Excellent examples of wider skills which demonstrate your skills and reflect your potential].

I left the ATC with good leadership; team working and communication skills that I believe will be of great benefit to me whilst studying, and throughout my career in mechanical engineering. I am convinced that I would like to become a member of your department of engineering.