

Chemical Engineering 1

Chemistry is a subject I have a passion for. I am very enthralled by the composition and reaction of substances. My continual desire to solve problems has arisen due to my study of Mathematics at AS/A2 level and my other subjects have greatly improved my scientific and technical knowledge. I would like to further my knowledge about Chemistry hence, my decision to study Chemical Engineering. I am a conscientious and adaptable person who enjoys exploring opportunities and consistently attempts to succeed in anything I lay my hands on. Having a confident academic background, I would like to pursue a career that involves providing solutions, modernizing products and greatly being part of the improvement of peoples' lives and relate simulated situations to reality. It also made me appreciate the importance of job satisfaction; of research and how it aids Engineers in further development. It gave me a great opportunity to develop and exercise my practical, decision-making and problem solving skills.

I am taking a year out to work in an industry because I believe this would enable me to gain confidence in tackling real work, broaden my horizons, further my skill base and enhance my future job prospects whilst enjoying the experience. My visits to UCL and Imperial College for a WISE (Women Into Science and Engineering) programme have reinforced my decision to have a Chemical Engineering degree because I was able to gain an insight into different aspects in engineering. I was also able to improve my team-working skills due to the group tasks we were assigned to.

Over the last fourteen months, I have played a significant role in the Sixth Form Boarding House committee, ably representing the boarders. I am an effective member of the Sixth Forms' Sports, Social, Liaison and Charity Committees in which I have demonstrated my team-working skills in the organisation of several fund-raising events. Being part of a peer group listening course has given me cognitive as well as types of listening skills and I am a founding member of a listening service 'Hear 4 U'. Due to my friendly but assiduous and responsible character, I was elected Head of the boys and girls building at the Boarding House in which I reside and also founded a social/enrichment group where social activities are organised, including dance sessions and award ceremonies.

Outside academic life, I am involved in a great deal of activities which require effective time management and commitment. I am part of a Fair Trade group in my school in which I was involved in the organisation of the world's biggest coffee morning to support people living with cancer. I also volunteered to work in the Storrington St. Barnabas Hospice shop working toward achieving the Millennium Volunteer's Award through the OUTSET programme for a hundred hours of community service, of which I have completed fifty. I have a very keen interest in sports and so, I am undertaking a Community Sports Leadership Award programme which has enhanced my communication and organisational skills. I am also an active member of my school's girls' Basketball team and enjoy playing tennis during my leisure time. I am currently improving my keyboard skills due to my passion for music. My academic studies, work and personal experiences have proven to me that I can offer the personal qualities required to pursue a career in Chemical Engineering which is my number one priority and hope I will be given the privilege to achieve my goal at your university.