

Mohammed Al-Harbi

Statement of Purpose

I would like to pursue a Master Degree in chemical engineering at your university. With my passion and desire for life-long learning, I believe pursuing this degree will prepare me to achieve my long-term career milestones. My passion for chemical engineering has emerged since I was a child; I always wanted to learn about how chemical reactors and plants operate. I always wanted to know what kind of smoke is coming out of a nuclear or electrical plant. This passion motivated me to study chemical engineering for my Bachelor and now for my Master as well.

I have chosen to study at your university because I believe the combination of strong faculty members and diversity of your courses makes the program very strong. I also like the number of practical courses and projects that need to be completed before graduation. Such projects allow the students to practice their freshly acquired knowledge in a practical way and with consideration to real-world applications.

I have completed my Bachelor Degree in chemical engineering from King Abdul-Aziz University in Saudi Arabia, 2009. During my studies, I was involved in several lab and group projects that involved working with chemical projects applied in real-world. The group work aspect was great because it allowed us to experience working as a team of engineers to meet tight deadlines. It also allowed us to practice our communication, interpersonal and conflict resolution skills by engaging in group work and presentations.

My desire for learning and education didn't stop there. I have also completed other certificates and workshops to complement my skills and knowledge. I have completed a

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توضيح سبب إختيار مجال
الدراسة يعتبر من أهم أسباب
النجاح

[Comment a2]

خبراءنا يركزون على إظهار
قدرتك العلمية و البحثية لزيادة
فرص القبول

certificate in Proficiency in English Language in 2008, at the Golden Gate Institute in Saudi Arabia. I have also completed a number of technical workshops related to my chemical engineering capacity. This includes: the use of radio in work-site, job safety analysis, dealing with chemicals and gases, gas testing certification, hazard recognition, refinery basics, basic life support, safety industrial apprentices, etc.

In addition to my academic and workshop education, I have worked for various places for over 6 years. Most recently I have worked as a Plant Console Operator at the Riyadh Refinery, Saudi Arabia during 2008-2010. My duties ranged from plant operations to site and control supervision. I often worked with senior engineering staff and upper management to deal with project-level matters and the strategic direction of the business. This gave me a high-level understanding and exposure in addition to the technical experience. Also, I have occupied a similar position for the oil/gas refinery plant managed by Saudi Aramco between 2007 and 2010. Before that, I worked as a treatment plant operator at the Ministry of Water and Electricity, Riyadh between 2004 and 2008. That particular capacity exposed to operations different from my other petroleum and gas experience, which further diversified my knowledge and allowed me to work with different professionals.

Once I complete the Master Degree, I will be very well prepared to pursue the next steps in my career, which is attaining a higher degree of responsibility at the work place and diversify my duties to be more useful. One sure skill I will acquire during my Master degree is to learn how to be critical and think outside the box. All these skills will help me become useful. Perhaps after few years of professional experience, I may pursue to take on an academic position such as lecturing or conducting research at a university. For that, I may need to pursue a PhD degree and prepare myself.