Education

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| Texas A&M University, College Station, TX  Bachelor of Science in Chemical Engineering  Cumulative GPR 3.542 Major GPR 3.50  Minor in Chemistry | 8/2009-Present  Graduation: May 2013 |

Technical Skills

* Experience with AspenTech, Simulink, Autodesk Inventor, RefProp, AutoCad
* Familiar with gas and column chromatography analysis.

Experience

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| **Bryan Research and Engineering**  Intern | 6/2012 – 8/2012 |

* Operated hydrocarbon production pilot plant that converted ethylene from biomass into jet fuel. The plant was controlled using PID controllers, a PLC and HMI.
* Responsible for producing jet fuel with the desired aromaticity while maintaining proper operating conditions.
* Numerous ASTM tests were performed for quality assurance.

Reference: Duane Morrow 979-450-2043

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| **Texas A&M Environmental Health and Safety**  Student Lab Technician | 5/2011-6/2012 |

* Inspected lab fume hoods and safety showers for compliance with lab safety requirements.
* Maintained a database with records of all safety showers and fume hoods on campus
* Sent reports to principal investigators and building proctors when failures occurred, as well as corresponding with area maintenance to ensure the problem fixed.

Reference: Alvin Walker 979-587-9601

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| **Akzonobel Surface Chemistry**  Chemical Engineering Intern | 5/2010-8/2010 |

* Compiled data of various components on the plant, including electric motors, process tanks and air conditioning units.
* Calculated energy costs associated with air conditioning consumption during summer months and researched alternatives.
* Updated piping and instrument diagrams

Reference: Cesar Rodriguez 713-434-4559

awards and Involvement

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| **American Institute of Chemical Engineers**  Member, Nationally and Local | 8/2010-Present |

* Attend bi-monthly meetings, participate in community service and social events.
* Involved with ChemE Car competition.

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| **International Culinary Experience**  Logistics Officer, Member | 1/2010-Present |

* Attend bi-monthly meetings, maintain roster of club members, make appointments for meeting location, and contact guest speakers for each meeting.

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| **Dean’s Honor Roll** | 1/2010-Present |
| **Houston Livestock Show and Rodeo Metropolitan Scholarship** | 8/2009 |
| **Texas A&M President’s Endowed Honors Scholarship** | 8/2009 |
| **National Merit Scholar Finalist** | 8/2009 |
| **Big Event Participant** | 1/2010-Present |