

Stuart B. Powell

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Texas A&M University ('13 – May '17)
Major: Chemical Engineering
Classification: Undergraduate, Junior
GPA: 3.43

Objective: *To obtain an engaging internship for the summer, fall, or spring semester of 2016 or 2017 in order to develop my engineering knowledge by applying what I have learned to solve practical problems.*

Interests: *Environmental, Materials/Chemicals, Energy, Economics*

Leadership Experience:

AICHE Sophomore Retreat Technology Chair (January, 2015 - Present)

- Managed online registration and payment
- Helped organize presentation schedule
- Created promotional videos and posted news to Facebook
- Deposited donations from companies
- Updated and maintained website
- Coordinated completion of pre-event deliverables

Certificates:

"Business Management Certificate Program for Engineering Students" (June, 2015)
Mays Business School, Texas A&M University

Work Experience:

1. Industrial Assessment Center at Texas A&M (January, 2016 – Present)

Started working with a team that provides energy audits to companies around the Texas area.

My role:

- Student Technician (specifics yet to be determined)

2. Research on Gas Separation Membranes (September, 2014 – December, 2015)

Aided a graduate student in the study of gas separations through polymer membranes in order to study how different parameters affect the permeability of certain gases and the selectivity of the membrane.

My role:

- Transforming raw data into understandable figures
- Conducting experiments and ensuring safety protocols are followed
- Helping to analyze the data and to learn from the trends produced

Poster Presentations:

- Texas A&M Chemical Engineering Research Symposium (March 13, 2015)
- Texas A&M Student Research Week (March 26, 2015)
- Texas A&M Energy Institute Research Workshop (June 12, 2015)

Organizations/Volunteer Activities:

1. American Institute for Chemical Engineers (September, 2013 – Present)

2. Phi Eta Sigma (February, 2014 – Present)

3. Habitat for Humanity (September, 2015 – Present)

4. United Methodist Action Reach-Out Mission by Youth (Summer, 2009 – Summer, 2013)