

JORGE L BARRERA

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LOCAL ADDRESS

2216 San Gabriel Street Apt 102
Austin, TX 78705
2142933108

PERMANENT ADDRESS

10731 Coogan Dr
Dallas, TX 75229

OBJECTIVE

Pursuing summer internship

EDUCATION

Bachelor of Science, Chemical Engineering

May 2018

Minor: McCombs Business Foundations Certificate

The University of Texas at Austin

CHE GPA: 3.90

Overall GPA: 3.88/4.00

RELATED COURSES

Transport Phenomena

Intro to Chem Engr Analysis

Applied Statistics

Physical Chemistry

Organic Chemistry

Matrices and Matrix Calculations

Management

Entrepreneurship

Accounting

EXPERIENCE

Senior Peer Learning Assistant, College of Natural Science, The University of Texas Fall 2015 - Present

- Led team of seven to develop skills to effectively communicate with students and peers
- Applied best methods for group discussion and learning in chemistry classes of 300 students
- Assessed decisions based on ethics, honesty, and integrity involved in leadership role
- Familiarized with emergency preparedness, campus resources, and stress relief techniques

Proctor-Student Assistant, McKetta Department of Chemical Engineering Summer 2016

- Supervised two chemical engineering computer labs with total of 50 computers
- Supported students with computer issues and referred them to others who could help if necessary
- Maintained computer labs and materials clean and organized
- Directed building evacuation and emergency procedures

ACADEMIC PROJECTS

Undergraduate Research Assistant, Atmospheric Physiochemical Processes Group Fall 2016

- Assisted graduate student in characterization of reaction chamber used to simulate atmospheric reactions
- Interpreted data results from chamber reactions of gas and particle-phase pollutants
- Analyzed high volume of publications in the field

LEADERSHIP EXPERIENCE AND ACTIVITIES

Active Member, Omega Chi Epsilon Chemical Engineering Honor Society Spring 2016 - Present

- Ranked in the top 12.5% of undergraduate class O
- Organized three service events for prospective students and the Austin community
- Provided tutorial services to chemical engineering students

Ambassador, Equal Opportunity in Engineering Fall 2016 - Present

- Represented university to recruit, develop, and graduate underrepresented minorities in engineering
- Ranked 4th in the nation in producing undergraduate engineering degrees for minority students

Participant, Global Leaders Week Abroad, Berlin & Prague Spring 2016

- Collaborated with peers from various engineering fields on interdisciplinary activities and local challenges
- Represented university and engineering departments in a positive manner in foreign countries
- Communicated with local engineers and startups on how they apply their skills in their industry at a local and global level

Member, University of Texas Longhorn Band Fall 2014

- Rehearsed 6 hours each week on top weekly game day activities and travel
- Performed in front of over 100,000 people and represented an organization with a rich history and traditions of over 100 years

SKILLS

- Language: Fluent in Spanish
- Computer: MS Word, Excel, PowerPoint, Introductory Knowledge in Matlab

ACCOMPLISHMENTS

- Honors Day Scholar, The University of Texas, Spring 2016
- Graduated with High Honors, Warren T. White HS, Spring 2014