MICHAEL VINCENT

mvincent1212@utexas.edu | LinkedIn | (325) 212-1333

EDUCATION

The University of Texas at Austin	B.S. Chemical Engineering Honors, Engineering Economics & Business Leadership GPA: 3.82/4.00	May 2021
Seisen University	Nanotechnology and Innovation Program in Tokyo, Japan	June 2018

Relevant Coursework: Engineering Entrepreneurship, Marketing, Probability, Reactor and Plant Design

EXPERIENCE

Tau Beta Pi Engineering Honor Society, TX Alpha Chapter – *Special Events Coordinator;* Austin TX   December 2019 - Present
- Planned independently large-scale events with budgets up to $2K
- Pioneered new networking events and panels through establishing relationships with Tau Beta Pi alumni
- Collaborated with VP External and Director of Professional Development to organize career development events
- Oversaw transactions and events between Tau Beta Pi and the Student Engineering Council as a liaison

Juristat – *Data Analyst;* St. Louis, Missouri   July 2019 – August 2019
Juristat allows patent prosecutors to predict the behavior of their examiner, competitors, and potential clients using data analytics.
- Spearheaded multiple projects to update, correct, and expand Juristat's database utilizing Excel spreadsheets
- Expanded Juristat's database by upwards of 20% through finding 1,352 new, potential clients over 237 companies
- Attained multiple meetings and negotiations with new clients

UT Chemical and Petroleum Engineering Department – *Computer Lab Proctor;* Austin, TX   August 2017 – May 2019
- Supervised independently two computer labs with traffic of 100+ people per day to assist with technical issues

ACADEMIC PROJECTS

Design of a Reactor for Depolymerization of PET Polymer, UT Austin   August 2020 – December 2020
- Designed then simulated in MATLAB a batch reactor system to depolymerize 30 million kilograms per year of PET plastic
- Optimized the design by creating a system of five parallel reactors to increase depolymerization conversion to 63%

Startup Business Plan Based on Surface Micromachined Broadband Microphones, UT Austin   August 2020 – December 2020
- Developed a ten-year plan to penetrate the military vehicle market by marketing the microphone's ability to increase safety
- Projected a financial analysis to achieve a 34% profit margin and $7M in profits by year ten
- Rewarded with best team presentation as voted by a panel of judges with entrepreneurial backgrounds

LEADERSHIP

Texas Undergraduate Moot Court Team – *Competitor*   June 2019 – May 2020
Moot court is a simulated court proceeding. It involves making an oral argument and defending it in front of multiple court justices.
- Researched previous court cases and established law to tailor the information into easily understandable arguments
- Conveyed oral arguments to a panel of judges, strengthening skills in intercommunication and persuasion
- Advised new members in how to improve their arguments and oral presentation
- Reached the Octofinal round in a national qualifier tournament

Foot in the Door Theatre Troupe – *Actor*   August 2019 - Present

ACCOMPLISHMENTS

• Friends of Alec Endowed Scholarship; Chemical Engineering Honors (8 semesters)	August 2017 – Present
• John S. and Clara W. Cargile Endowed Scholarship	August 2020 – Present
• UT Freshman Case Competition 3rd place	October 2017
• NSDA National Qualifier in Domestic Extemporaneous Speaking	June 2017

SKILLS

Programs: Proficient in Aspen, JMP, Polymath, Excel, Microsoft Office, Visio, MATLAB. Basic knowledge in Python, Java, Javascript
Languages: Basic knowledge in Spanish, Japanese

Eligible to work in the U.S. with no restrictions