

Mitchell Nguyen

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About

Seeking an engineering internship or co-op position to gain further hands-on experience working on small scale and large scale projects. I am proficient at building relationships and managing multiple responsibilities simultaneously. I am a creative problem solver and I am proud of my strong work ethic.

Education

Texas A&M University, College Station, TX Expected Graduation 2021
B.S. Manufacturing and Mechanical Engineering Technology
Minoring in Art

- GPA: 3.2 with 57 credited hours

Major Coursework

2019

- MMET 181: Manufacturing & Assembly Processes I
- MMET 207: Metallic Materials
- MMET 206: Nonmetallic Materials
- ISEN 302: Economic Analysis of Engineering Projects
- MMET 105: Engineering Graphics

Work Experience

Texas A&M Residence Life, College Station January 2018-Present
Resident Advisor

- Work as a direct advisor for residents regarding academic resources and social interaction
- Create various community outreach programs that foster unity among on-campus residents
- Experience in identifying issues with residents. Performed conflict resolution and follow ups

Activities

Texas A&M Global Brigades, College Station, Texas Sept 2018-Present
Brigadier

- Member of a 20-person team that used EPANET, fluid dynamics, and GPS input tracking to directly develop a water distribution system to supply a community of 110 houses with a planning horizon of 20 years in the rural town of Villa Cardenal, Honduras

Texas A&M SAE Champ Car, College Station, Texas 2017-2018
Team Member

- Fabricated, designed and implemented structural improvements to a 1985 Mustang to withstand extended amounts of driving in the annual Champ Car competition.
- Learned how to optimize a vehicle for all conditions that may arise during a competition from power and suspension tuning to longevity and repair.

NASA High School Aerospace Scholars 2016

- Selected from a state-wide pool of applicants to participate in an intimate aerospace learning experience by engaging in a weeklong internship with engineers at NASA's Johnson space center

Boy Scouts of America, Sugar Land, Texas 2010-2017
Senior Patrol Leader, Eagle Scout

- Advanced through seven ranks of scouting to obtain the rank of Eagle Scout, and obtained the Bronze Palm, a distinction above the rank of Eagle that required further personal and leadership development
- Elected as a direct leader for 40 scouts, ensuring a productive scouting experience for everyone

Skills

- **Technologies:** Proficient in AutoCAD and EPANET, educated in LabVIEW and MATLAB
- **Creativity:** Freelance Photographer and Graphic Designer, pursuing an Art minor
- **Interpersonal Communication:** Resident Advisor
- **Leadership:** Boy Scouts of America, *Eagle Scout, Senior Patrol Leader*,
Clements High School Marching Band, *President*
Clements High School Golf, *Varsity*
- Conversant in Spanish and Vietnamese