Aileen Ng

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EDUCATION

Texas A&M University, *College Station, Texas*   Graduation May 2028
Bachelor of Science in General Engineering

- Current Coursework: Newtonian Mechanics for Engineering and Science Honors, Experimental Physics and Engineering Lab II, Engineering Mathematics III
- IGNITORS Rocketry Team: Recovery and Dynamics Sub teams
- Texas A&M Corps of Cadets & Fightin' Texas Aggie Band clarinetist
- Clarinetist in Symphonic Winds

EXPERIENCE

NASA STEM Educator

Cosmosphere, *Hutchinson, Kansas*   May 2024 – July 2024
Camp Counselor

- Coordinated and managed up to 30 campers in space camp activities; included housing accommodations
- Learned and implemented technical skills necessary to operate for camp activities including breadboard circuitry, 3D-Modeling and printing, rocketry, robotics, JavaScript, etc.
- Collaborated with astronauts Don Thomas and John Herrington

LEADERSHIP

Blue Valley West HS, Overland Park, Kansas
Drum Major   May 2023 – May 2024

- Coordinated band camp during the last week of July
- Ran parts of rehearsal and set up for rehearsal during the fall marching band season
- Conducted on the podium during pep assemblies and competitive competitions in the fall

VOLUNTEER WORK

Ethnic Enrichment Commission   August 2010 – August 2023(Seasonal)
Indonesian Booth Volunteer

- Welcomed booth visitors
- Educated people on Indonesian culture

T-shirt Folding

- Folded T-shirts for EEC festival for people to purchase

ACCOMPLISHMENTS

Certified Private Pilot   August 2020 – August 2024
Pilot In Command/Solo Hours

- 13.3 hours of Solo/PIC time
- 5.8 hours of solo cross-country time

Accumulated 99.2 cumulative hours of flying time in a single-engine land airplane

- Received 85.9 total hours of dual instruction
- 19 total cross-country hours
- 4.2 hours of cross-country hours
- 4.2 hours of nighttime
- 4.2 hours of simulated instrument

Business Professionals of America   September 2021 – May 2023

- National Fundamentals of Web Design Finalist 2023
- 2022 State Fundamentals of Web Design 2nd Place 2023
- State Website Design Team 1st Place Champions 2022

SKILLS

- Proficient Private Pilot
- Proficient in HTML/CSS programming language
- Intermediate proficiency in JAVA programming language