

GABRIEL ASSAN

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EDUCATION

UNIVERSITY OF MARYLAND—College Park, MD

Expected Graduation May 2024

Bachelor of Science (B.S.): Mechanical Engineering

GPA: 3.5/4.0

Minor: Project Management

TECHNICAL & RESEARCH EXPERIENCE

INTRO TO ENGINEERING DESIGN—College Park, MD

April 2021-May 2021

Naiad Team Member

- Worked with a team of four students to design a face mask that will prevent glasses from fogging
- Designed the front bracket for the nose bridge and ears and Rear bracket for Arduino using Fusion360
- Adapted to a virtual setting to complete the project and included measures for COVID-19 protection and comfort and weight of the Arduino and brackets

BOLAND—Gaithersburg, MD

June 2022-Present

Project Engineer/Estimator Intern

- Support Estimators and Project Engineers in project take-off, selection, pricing, and integration of equipment, controls, and specified/submitted data population support
- Coordinate with Estimators and Project Engineers in the interpretation of specifications and preparation of proposals and submittals
- Read and interpret blueprints (Plans/Drawing) including equipment and controls counts completion
- Support Project Engineering Assistant completing job log and maintaining projects database

MECHANICAL CONTRACTORS ASSOCIATION—Metro Washington / UMD Chapter

August 2021-Present

Chapter Member

- Collaborated with a team of six mechanical engineering students to develop a full-scale bid proposal for a real-life mechanical project
- Developed peer relationships with mechanical engineering students through participation in the National MCAA Student Chapter Competition and accompanying events
- Gained industry perspective and understanding through a mentor program with industry professionals

LEADERSHIP EXPERIENCE

TRANSFORM MARYLAND – HNUH219P—College Park, MD

January 2022-May 2022

Student Manager

- Oversee a team of six students; assign project tasks and ensure completion
- Organize and conduct weekly progress meetings to review tasks assigned and get updated on the progress of the project
- Manage the class Trello board and corresponding class communications
- Schedule and coordinate interviews with project stakeholders; communicate project information on behalf of the class

ACTIVITIES

• **TERPS RACING—BAJA TEAM**

February 2021-Present

Suspension Sub-team Member

• **MECHANICAL CONTRACTORS ASSOCIATION**—Metro Washington / UMD Chapter

August 2021-Present

Chapter Vice President

SKILLS

Software | SolidWorks, Fusion360, Microsoft Office Suite, MatLab, Procore, Adobe Acrobat

Manufacture | CNC Miller, Semi-Automatic Bandsaw