Albert Gumbs

(240)938-6118 ● agumbs1@umbc.edu

Objective: Mechanical Engineering senior seeking full-time employment.

Education:

University of Maryland, Baltimore County (UMBC) — *Expected Grad. Date: May 2023*

Mechanical Engineering B.S. — *Current GPA: 3.39*

Technical Skills:
Computer: MATLAB, SOLIDWORKS, Python, Ruby, HTML/CSS, Excel
Creative: Video/Audio Editing, Photography
Language: Spanish (proficient)

Professional Experience
*Quality Assurance Engineer Intern —***Brightspot**   May 2022 - August 2022
- Performed front-end testing for Johnson & Johnson website upgrade.
- Used project management software JIRA in order to track and communicate advanced project statistics on various projects, including Amazon, Johnson & Johnson, and Nvidia.
- Wrote automated scripts for front-end testing, using JS framework Cypress.

Residential Assistant — **UMBC**   August 2021 - Present
- Focused on enhancing quality of life for UMBC residential students by encouraging community building and providing support.

Undergraduate Research — **University of Kentucky, Grady Lab**   May 2021 - August 2021
- NSF Research Experience for Undergraduates Program, Engineered Bioactive Interfaces and Devices. One of 17 students selected from an applicant pool of 200 students.
- Worked on a NASA funded research project to determine differences in *Staphylococcus aureus* bacterial biofilm formation in microgravity simulated conditions, which are present in the International Space Station.

Technology Project Specialist Intern — **MCPS Dept. of Special Education**   June 2018 - August 2018
- Worked alongside Montgomery County Public School employees to develop a 3D Virtual Reality application to be used for simulating community experiences for students in Special Education programs across the county.

Projects
CAD Design Project — UMBC ENME 204 (Engineering Design with CAD)   May 2021
- Worked in a group to create and design a toy for young students with cerebral palsy, using CAD software.

Walmart Autocheckout Software — Personal Project   January 2021
- Wrote a script to monitor Walmart's online product database and complete a purchase of requested items in 3-5 seconds after the item becomes available using Selenium and HTTP request modules.