

Margaret Siao

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Objective

To obtain relevant laboratory, research, and presentation skills that will help me succeed in the future.

Education

UNIVERSITY OF MARYLAND BALTIMORE COUNTY | 08/28/2019 – PRESENT

- Major: Chemical Engineering – Biology Track
- Year: Junior
- GPA: 3.42

Skills

PRESENTATION

- CAD Software: Multisim, Autodesk Inventor & Revit
- MATLAB, Polymath
- Microsoft Word, Power Point, and Excel
- Adobe Illustrator CC 2015

COMMUNICATION

- Library Assistant [HS]: Assists the librarian and the students. Gathers a focus group to get feedback on how to better improve the library.
- Languages: English, Filipino, Korean (Moderate)

LEADERSHIP

- Odyssey Club Co-Chair: Lead the club in activities for fundraising events. (i.e., Teacher Luncheons, Pizza Sales, Snack Sales at school events, etc.)
 - Led a small group throughout a 3-week trip in 7 countries in Europe.
- Associated Student Congress of Baltimore City (ASCBC) Director of Communications: Assisted the board in communicating with various groups that sought the student's opinion on some of the upcoming decisions of the board of education.
- Learning Ambassador (Amazon): taught new and existing associates how to properly perform various positions throughout the building

Work Experience

OFFICE ASSISTANT | JHU BLOOMBERG SCHOOL OF PUBLIC HEALTH | JUNE 26- AUG. 04, 2017

- Organize and file any necessary documents, paper or online, according to the request. (i.e. Travel documents, reimbursement files, monthly department expenses, etc.)
- Creating presentation files and posters for professors that appeared in their conferences.
- Attended weekly professionalism sessions to discuss proper work etiquette and community issues.

LEARNING AMBASSADOR ASSOCIATE | AMAZON | MAY 26, 2020 – JUNE 02, 2022

- Train the new associates on their roles in the building.
- Train other associates in new roles or positions throughout the building.
 - Training for both instances include giving a presentation and hands on learning activities.
- Repair and return broken or damaged packages that arrive in the building
- Assist the supervisors to make sure that everyone is on task in a safe and timely manner.

UNDERGRADUATE RESEARCH ASSISTANT | UMBC | MAY 30, 2020 - PRESENT

- Process samples (groundwater, wastewater, and biosolids) using the solid phase extraction (SPE) method to detect the amounts of Poly and Perfluoroalkyl compounds in our environment.

Project Experience

MINIMIZING THE DAMAGES DONE BY ALGAE BLOOM RESEARCH | HS SENIOR YEAR DESIGN PROJECT | 2018 - 2019

- Researched and studied the data concerning algae blooms and its impact to the local environment.
 - Research entailed what causes algae blooms, how to minimize their spread proactively and reactively.
- Designed and built a model prototype for our solution to mitigate preexisting blooms in bodies of water.

HYDROGEN FUEL CELLS & CARS | ENCH 225L | SY 2020 - 2021

- Researched and studied the data concerning the effectiveness of using hydrogen fuel cells as an alternative energy source for vehicles.
 - Research entailed how hydrogen fuel cells work, how they are made, production costs, energy production, and their compatibility with motor vehicles.
- Designed and built a small model of the fuel cell to test if it was capable of generating enough energy to power a small motor.