

Lindsay West

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OBJECTIVE

Engineering internship opportunity for June of 2017 – Utilizing basic skills and knowledge from engineering coursework.

EDUCATION

The Ohio State University, Columbus, Ohio Overall GPA: 3.23

FABE (Food, Agricultural, Biological, Ecological) Engineering, May 2020

Specialization: Food Engineering,

Haddam-Killingworth High School, Higganum, Connecticut

QUALIFICATIONS

Software: CAD, MATLAB, SolidWorks, Microsoft Word and Excel

Related Courses: Energy in Food and Biological Systems, Introduction to MATLAB,

National Sintered Alloys, Part Inspection and Office Assistant (2015-2017)

- Inspected powdered metal parts (cars, lawnmowers, etc.) for defects and assembled parts to be sintered
- Assisted in programming a mechanical robot arm to collect parts off of a conveyor belt
- Organized and completed backlog meeting minute reports for the company
- Calculated statistics concerning production, scrap metal and on-time delivery on Excel

ACADEMIC ENGINEERING PROJECTS

MATLAB Hangman Program

- Worked in a team to design a version of the game Hangman in MATLAB
- Created a general algorithm for the program
- Wrote a User Manual for potential players
- Filmed and edited a video to market game to potential customers

Advanced Energy Vehicle (AEV) Project

- Worked in group setting to design and construct AEV
- Focused on producing a vehicle with maximum efficiency
- Programmed vehicle to complete a designated task
- Performed testing
- Presented results of the project with in class Power Point presentation and a video

Go Pro Camera Dolly

- Worked in a team setting to design and construct a camera dolly and track that is controlled by a remote.
- The dolly included a lifting component, a rotating component and tilting component.
- Used problem solving skills, knowledge of physics, computer programming skills, knowledge of material properties, knowledge of gearing and motors.

ACTIVITIES AND AWARDS

Active Member, Mount Scholars Leadership Society

- 75 hours of community service from August 2017-March 2018 (Broad Street Afterschool Program)
- Attend bi-weekly meetings related to leadership and community service
- Participated in monthly community service events

Active Member, Society of Women in Engineering

Senior Girl Scout Silver Award Recipient

- Completed a troop project for the town's historic society related to women's rights
- Presented project to members of the historic society

WORK EXPERIENCE

The Cooking Company, Waitress and Counter Staff (2015-2017)

- Supervised 4-5 employees one day per week
- Prepared and served food, communicated with customers