

Sean Sullivan

CONTACT

Sean Sullivan
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EDUCATION

BACHELOR OF SCIENCE, INDUSTRIAL ENGINEERING

The Ohio State University

College of Engineering

Major: Industrial Engineering

Minor: Computer Information Sciences

Graduation: December 2023

GPA: 3.51

SKILLS & CERTIFICATIONS

Fundamental Skills:

Fundamentals of Engineering, Calculus, Physics, Economics, Programming, Data Analysis, Strategic Planning, Supply Chain Management, Information Technology

Software & Programming Skills:

Adobe InDesign, Microsoft Office Suite including MS Excel, MS Access, Tableau, MATLAB, C, C++, Java, Python, SolidWorks, Google Analytics, Amazon AWS

Certifications:

Google Analytics Individual Qualification (GAIQ), Amazon Certified Cloud Practitioner

Involvements:

Ohio Union Activities Board, Design ThinkTank, Big Data & Analytics Association Research Team, Humanity First Student Chapter, Running Club

WORK EXPERIENCE

Pool Manager at Kentuckiana Pool Management May 2018-Sept 2020

- Increased worker safety by monitoring use of chemicals on-premise and enforced the use of protective equipment when handling chemicals. Served as liaison between lifeguards and guests; resolved customer disputes.

WFM Associate at Amazon

April – Sept 2020

- Assembled and packaged Amazon Prime orders.
- Provided training to unfamiliar employees in learning the store layout.
- Ensured cleanliness through frequent sanitation of all surfaces exposed to employees.

Technology Associate Intern at Washington

April 2021 - Now

Institute for Business, Government, and Society

- Assembled and packaged Amazon Prime orders.
- Provided training

PROJECT EXPERIENCE

Engineering Nanotechnology Project

January – May 2020

- Theorized and modeled 3D CAD representations for a NANOLYSER capable of detecting HIV in a drop of human blood.
- Managed semester-long nanotechnology and microfluidics project.
- Tested the ability of saline to shear yeast cells from a microchannel wall.
- Built programs in C++ and MATLAB to calculate key metrics.

Website Creation Project

February 2021

- Designed and built innovative portfolio website from ground-up using Bootstrap Studio and hand-coded CSS. Configured Github repository for hosting and utilized web platform Netlify for global distribution.

Design ThinkTank Project

January - May 2021

- Problem solving with a team of 20 design-minded individuals to consult outside environmental organization 3Tree on strategy. Creating mobile application to encourage and track good environmental habits.

Software Design Project

December 2019

- Worked in a team to create a mock-football game on a touchscreen Linux device in C++. Contributed to codebase, code testing, and created all marketing materials. Constructed website to showcase the project.

LEADERSHIP EXPERIENCE

Ohio Union Activities Board

August 2020-Present

Collaborative Events Committee Member

- Coordinates speaking and service events across campus with figures such as Josh Peck and Ashley Tisdale.
- Organized digital marketing and promotion for all-day event with TV personality Ty Pennington to build two playhouses for children.

Data and Analytics Team Member

- Utilizing database visualization platform Tableau to build a dashboard of data insights regarding 500+ campus events, including demographics of event audience and return on investment.

Social Chair

- Plans and executes organization-wide social events, motivating engagement between 100 OUAB members.

Humanity First Student Chapter

December 2019-Present

Director of Operations

- Created, designed organization website for the 2021 school year.
- Overhauled entire student organization brand. Worked with design partners to formulate a new logo and tagline.
- Facilitated the ordering of T-Shirts reflecting student org logo and tagline; a first in the student org's 10-year history.

Sigma Phi Epsilon Fraternity

December 2020-Present