

Oluwaseun Adesina
(646)-286-8274
Email-seanadesina@gmail.com

About Me:

As a recent Industrial and Systems Engineering graduate, I am eager to begin my professional career utilizing my skills in systems engineering. With a strong foundation in process engineering design and analysis, I have gained practical experience through volunteering experience and extracurricular activities. I work well in teams and have developed excellent collaboration, communication, and leadership skills. I understand the importance of feasibility, safety, and cost-effectiveness in designing and implementing engineering solutions, and I am excited to apply my skills and knowledge to create innovative and sustainable solutions in a systems engineering role.

Education:

Binghamton University, State University of New York, Watson School of engineering May 2023
Bachelor of Science in Industrial / Systems Engineering

Related Courses: Quality Control Systems, Project Management, Modeling and Simulation, Industrial Automation, Enterprise Systems, Human Factors, Programming for Engineers

Technical Skills:

- | | | | |
|--------------|-----------|-------------------------|--------------------------|
| • Python | • MatLAB | • AutoCAD | • Creo |
| • HTML / CSS | • Minitab | • Presentation speaking | • Excel (Analysis Tools) |

Project Experience:

Redesign of Dining hall queue system

Binghamton, NY

Individual Project

September 2022 -

Present

Optimization of dining hall floor plan

- Recording of empirical data and creating a autoCAD simulation model to project current daily work cycles and optimized cycles
- Analyze data and creation of python program to automate excel to perform routine quality checks for continuous improvement

Senior Design: MPox prediction model

Binghamton, NY

Team member

September 2022 -

Present

- Collaborate in multidisciplinary team of 4 to design, implement, and test a Mpox machine learning prediction model for global health applications
- Work with Client to facilitate all requirements and needs into the final product
- Personally tasked with website creation (interactive dashboard interface) to display results

Sophomore Programing: Goal Tracking

Binghamton, NY

Team member

January 2020 - April 2020

- Utilized object oriented programing with 2 others to develop an application that tracks goals through python then compiled work on Git-hub
- Tasked on back-end programming, collecting/creating assets and storing data for user goal tracking

Leadership and Involvement:

Baldwin Public Library:

Library Assistant

Baldwin, NY

July 2018 - May

2019

- Volunteer, Organization of a large online registry of books, consisted of helping library visitors find books reorganizing of physical books and helping plan events for kids / young adults (70 hrs)

Campus Survival Games (University Club):

Binghamton, NY

Events Planner

August 2022 - May

Present

- Organize / book venues for college students to engage in club events
- Organize transportation for trips to schools as well as housing / hosting (i.e. 3 day hotel booking)

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Education:

Binghamton University, State University of New York, Watson School of engineering - Bachelor of Science in Industrial/Systems Engineering, May 2023

Related Courses: Quality Control Systems, Project Management, Modeling and Simulation, Industrial Automation, Enterprise Systems, Human Factors, Programming for Engineers

Technical Skills: Python, MatLAB, AutoCAD, Creo, HTML/CSS, Minitab, Tora, Excel (Analysis Tools)

Project Experience:

Redesign of Dining hall queue system, Binghamton, NY, September 2022 - Present

- Optimization of dining hall floor plan, recording of empirical data, creation of an autoCAD simulation model to project current daily work cycles and optimized

cycles, analyze data, and creation of a python program to automate excel to perform routine quality checks for continuous improvement

Senior Design: MPox prediction model, Binghamton, NY, September 2022 - Present

- Collaborate in multidisciplinary team of 4 to design, implement, and test a Mpox machine learning prediction model for global health applications, work with Client to facilitate all requirements and needs into the final product, personally tasked with website creation (interactive dashboard interface) to display results

Sophomore Programing: Goal Tracking, Binghamton, NY, January 2020 - April 2020

- Utilized object-oriented programming with 2 others to develop an application that tracks goals through python then compiled work on Git-hub, tasked on back-end programming, collecting/creating assets and storing data for user goal tracking

Leadership and Involvement:

- Baldwin Public Library, Baldwin, NY, Library Assistant, July 2018 - May 2019, Volunteer, organization of a large online registry of books, consisted of helping library visitors find books reorganizing of physical books and helping plan events for kids / young adults (70 hrs)
- Campus Survival Games (University Club), Binghamton, NY, Events Planner, August 2022 - May Present, organize/book venues for college students to engage in club events, organize transportation for trips to schools as well as housing/hosting (i.e. 3-day hotel booking)