

Simisolaoluwa Adeola

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA

May 2024

Bachelor of Science in Mechanical Engineering

Minor in Economics

GPA: 3.60/4.00

SKILLS

Software: MATLAB, SolidWorks, Simulink, Blender, Arduino

Programming: C/C++, Python

Microsoft Office: Word, Excel, Publisher, PowerPoint, Access

Web development: HTML, Webflow

Foreign Languages: English, French, Yoruba

PROJECTS

Creative Decisions and Design

January 2022 - May 2022

Robotics Competition

- Created an autonomous robot which had the ability to pick up and deposit items as well as avoid obstacles
- Participated in a competition and achieved 3rd position out of 45 students
- Worked with SolidWorks and Arduino as well as various hardware such as Motors and Actuators to create the robot
- Utilized various design tools to create a report that consisted of my designs, specifications, and evaluations

Aircraft Analysis

September 2019 - May 2020

Physics Research

- Created a 3D simulation, using blender, illustrating forces and principles for various types of aircrafts
- Utilized the simulation to showcase the effect of various factors on aerodynamics
- Analyzed quantitative data used to construct accurate flight models
- Outsourced specific data in order to improve the credibility of the research

EXPERIENCE

GEORGIA INSTITUTE OF TECHNOLOGY, Atlanta, GA

May 2020 – August 2021

Exoskeleton & Prosthesis team member, Research institute

- Constructed an object detection software using C++ to assist a hip exoskeleton in detecting nearby threats
- Created a color detection software which allows cameras to interpret surrounding information for the exoskeleton user
- Focused on Motor function and torque application for the purpose of increasing movement efficiency

ARIK AIRLINES, Lagos, Nigeria

June 2017 – June 2018

Intern, Aircraft Maintenance Department

- Performed inspections and engine repairs for Airbus A340 and Boeing 737
- Monitored inventory as a means of ensuring efficiency
- Assembled mechanical components according to specifications

ACTIVITIES, AWARDS and/or LEADERSHIP

Saint Sterling, Atlanta, GA

June 2021 – Present

Founder & CEO

- Founded a clothing brand designing a variety of clothing and specializing in accessories
- Utilized Adobe Photoshop and Illustrator to create marketable, creative, and unique designs
- Established and coded an online e-commerce website using webflow for customers and to boost sales

Charity Fundraiser, Oxford, England

January 2019 – May 2019

Host & Coordinator

- Hosted a table tennis tournament and training matches to raise money for children with learning disabilities
- Lead a diverse group to create a friendly environment for people of all demographics
- Raised £2000 for KEEN Oxford and assisted in renovations