**Favour Arinze, Adimora**

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**EDUCATION**

**Bells University of Technology Ota, Ogun State**

* Bachelor of Engineering, Mechatronics Engineering 2022 - Present
* Cumulative GPA 3.87/5.00

**PROJECTS**

**NeanBots-1**

* Designed a four-axis robotic arm using Fusion360.
* Designed each joint and axis to allow full-range motion, ensuring accurate and smooth articulation across all four degrees of freedom.
* Focused on structural stability and efficiency, optimizing the robot’s design for both functionality and manufacturability.
* Generated detailed 3D renders and drawings to visualize the assembly process and individual components

**CERTIFICATIONS**

* Modelling and Design for Mechanical Engineers with Autodesk Fusion360
* Introduction to Mechanical Engineering Design and Manufacturing with Fusion360
* Autodesk Fusion360 Integrated CAD/CAM/CAE
* Fusion360 Beginners Course

**SKILLS, TOOLS, TECHNOLOGIES**

* Languages: Python, C++
* Software: Autodesk Fusion360, Ansys, SolidWorks, AutoCAD, CATIA, Autodesk Inventor, KiCAD, Microsoft Office
* Skills: Mechanical design, 3d modelling, 3d printing, PCB Design, Simulation, FEA Analysis, CAE