

# Graciela N. Lebron de Jesus



Tel: (787)-365-4773  
Email: lebron\_142675@students.pupr.edu

Handshake: Graciela Lebron  
Indeed: Graciela Lebron

*To use my knowledge of Biomedical engineering to help solve the world's most predominant healthcare challenges.*

## Education

### **Biomedical Engineering| Current | Polytechnic University of Puerto Rico| GPA: 3.86**

- Relevant coursework such as Introduction to Biomedical Engineering, Static and Dynamic, Computer Design, Rehabilitation Engineering and Clinical Engineering
- Expected graduation date: 2023

### **Biology | 2017-2021 | Universidad de Puerto Rico Recinto de Mayagüez**

- Relevant coursework such as Biology, Microbiology, Physics, and Cell Physiology.

## Special Projects

### **Driving Pedal Extension for Stroke Patients| Polytechnic University of Puerto Rico| 2022**

- Design and prototype of an assistive driving device for patients that suffer with a disability in which they can only use their left leg to work the car pedals.
- Creo Parametrics was used to create the design and rehabilitation engineering principles were used to develop the prototype.
- Knowledge from Biomechanics and Physics to determine the force applied from the leg to the pedal.

### **Instructor of Robotics & Programming| Techno Inventors| 2022**

- Managed robotic projects using programs such as Arduino, Scratch, Blender & Stencyl.

### **Creo Parametrics Project | Polytechnic University of Puerto Rico | 2022**

- Used Creo Parametric to design various models using tools such as Extrude, Drawing Sweep & Assembly.

## Leadership and extracurricular

### **Professional Development Activities Leader |BMES| 2022**

- Responsible for coordinating activities that help develop the "soft skills" of the professional
- Organized and coordinated professional panels and informatic sessions about the profession of biomedical engineering and the future developments of the profession

### **Volunteer| Medlife| 2018**

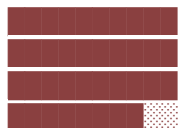
- Assisted in helping in the rural areas of Perú to build houses, supply food and help doctors care for their patients.
- Put my leadership skills to the test in helping organize projects like painting houses, leading a group in providing medicine, etc.

## Skills

- Dynamic & responsible

- Fluent in Spanish & English

Microsoft Word  
PowerPoint  
Excel  
MATLAB



Creo Parametrics  
Stencyl  
Blender  
Scratch

