

# JOSUE ESCOBAR POLANCO

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## Professional Summary

I'm an Engineering intern passionate about problem-solving and exploring new ideas. I enjoy tackling complex challenges, whether it's programming in Java or designing in CAD. My curiosity and dedication drive me to learn independently and strive to improve in my areas of interest, always staying focused on my goals.

## Experience

*Quality Engineer Intern*  
*Teleflex, Chihuahua, Mexico*

April 2024 – Nov 2024

- Assisted in developing quality control processes and procedures.
- Performed a comprehensive analysis for the implementation of the Ship to Stock process, including the creation of procedures and process documentation.
- Conducted detailed material analysis for three distinct processes: Ship to Stock, Reduced Inspection, and Switch Sampling Rules.
- Evaluated material receipts history, inventory levels, and process efficiency
- Analyzed cost-effectiveness and efficiency improvements
- Created reports, summarizing business data for management review

*Biomedical Engineer Social Service*  
*ISSSTE, Chihuahua, Chihuahua*

September 2023 - March 2024

- Developed machine learning-based app to predict acid-base disorders, conducting a trial run in the hospital as a tool for clinical decision-making.
- Examined and repaired medical equipment
- Trained hospital staff on the proper use of newly implemented medical equipment.

## Education

Bachelor: Biomedical Engineering - UACH, Chihuahua

- Thesis: Measurement of pulp vitality using oximetry

High School: Mechatronic technician - CBTis 122, Chihuahua

June 2018

## Certifications

IBM Full Stack Software Developer – Specialization  
IBM Data Science Specialization – Specialization  
Certified 3dExperience Mechanical Designer - Associate

## Skills

- Excel macros
  - HTML
- JavaScript
  - SQL
- Java
  - Spring Hibernate
- React
  - Spring REST API
- Solidworks

