

Juan Pablo Martinez Carett  
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## PROFILE SUMMARY

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Biomedical Engineer with six years of experience in designing custom osteosynthesis material for orthopedic and maxillofacial applications. Strong knowledge in Computer-aided design(CAD), Computer-Aided Manufacturing(CAM), and 3d printers.

Experiences designing and developing projects with immediate application.

Currently studying my second semester of computer programming at Seneca College.

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## TECHNICAL SKILLS

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### CAD software

- Inventor, Space Claim, 3- Matic, Mimics, Netfabb, Solid Edge

### Programming Languages

- Matlab, C, G code, Arduino

### Microsoft Technologies

- Word,Excel,Power Point and Team System

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## EDUCATION

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### BIOMEDICAL ENGINEERING PROGRAM

University EIA | Envigado, Antioquia, Colombia | 2009-2014

#### *Major Project:*

- Recognition for Thesis word about "Novel Sensor Based on Polyvinyl Alcohol Hydrogel"

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## WORK EXPERIENCE

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### MANUFACTURING ENGINEER, R&D DEPARTMENT

INDUSTRIAS MEDICAS SAMPEDRO|LA ESTRELLA, ANTIOQUIA, COLOMBIA| 2015-2017

- Numerical Control Machine Programmer for the designs for this department.
- Improve the workflow process with the production department.

### PROJECT COORDINATOR, R&D DEPARTMENT

INDUSTRIAS MEDICAS SAMPEDRO|LA ESTRELLA, ANTIOQUIA, COLOMBIA| 2017-2021

- Developed, designed and approved the designs of the orthopedics department.
- Define the necessity and the correct approach for every patient with the medical staff in a pro to have the best solution.
- Develop two patterns for the company that opens a new market for them.