

# Carlos Artieda Velazco

## Mechatronics Engineer

B.S. in Mechatronics Engineering | 2014 – 2020

Tecnológico de Monterrey (ITESM), Monterrey, Mexico

### WORK EXPERIENCE

#### LATAM REPRESENTATIVE | Aug 2019 – Present

BEXEL Consulting D.O.O.

Promotion and sales of BEXEL Manager. Training and education in the use of BEXEL Manager. Link BEXEL Consulting with higher education institutions and offer BEXEL Consulting BIM management services to companies in the AEC sector.

#### BIM INTERN | Feb 2019 – Aug 2019

BEXEL Consulting D.O.O. | Belgrade, Serbia

Ref: Architect Mileta Pejovic | mileta.pejovic@bexelconsulting.com

Supported engineers by analyzing BIM models of hotels and resorts construction projects and generated quantity takeoff and cost estimation reports with BEXEL Manager, the ultimate solution for 3D, 4D, 5D and 6D BIM dimensions analyses.

#### Translator and Social Media:

English to Spanish translation of educational and promotional materials of BEXEL Manager and BEXEL Consulting: workflows, user guides, tutorials, docs, articles, websites, software content, to help the company advance in the Hispanic market.

#### Public Relationships:

Intermediary for Latin America by contacting universities in 15 countries to offer free advice on how to incorporate Building Information Modeling into their Civil Engineering and Architecture curricula, reaching formal cooperation agreements to provide free online training courses in the application of BIM methodology.

#### ELECTRICAL LAB INTERN | May 2018 – Nov 2018

John Deere Shared Services Mexico S. De R.L. De C.V. | Monterrey, Mex.

Ref: M.S. Alejandro Colin | ColinAlejandro@johndeere.com

Improvement of prototype wire harnesses manufacturing processes for tractors, cutters, gators, planters and experimental machinery. Optimized information management within the Electrical Lab and generated product documentation.

#### PROJECT COLLABORATOR AS STUDENT | Jan 2018 – May 2018

Sistemas Automotrices de México S.A. de C.V. | Monterrey, Mexico

Ref: Eng. Ismael García | ismael.garcia@sisamex.com.mx

“Semestre i”. Multidisciplinary project as part of a team of engineering students. Statistical analysis of rear differential case bolts torque values, identification of areas of improvement in certain steps of the rear differential assembly of heavy trucks, and proposal of equipment and tools to maintain the quality standard more easily. In other plant, analysis of transmission shafts machining processes, incorporation of surface finish data from styli probe into online dashboards to monitor grinding machine performance.

BLOCKCERTS record

Verifiable  
blockchain  
digital  
professional  
title:



<https://certificados.tec.mx/certificate/58ea667ad13f5effbc9eda8d89b50f83>



### PROFILE

Mechatronics is my way to develop professionally in several fields: industry, business, academics, and research. I'm proactive, versatile, hardworking, and a good teammate.

+52 442 231 2102

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carlos.david.artieda.velazco

Querétaro, México

### LANGUAGES

Spanish – Native speaker

English – Advanced (C1)

105 – TOEFL iBT

### SKILLS

Microsoft Office Package

MATLAB / GNU Octave / Scilab

Simulink and Simscape

Wolfram Mathematica

Python / Java

C / Visual Studio / Atmel Studio

LTspice / PSpice

Proteus Design Suite / Multisim

LabVIEW / TIA Portal

SolidWorks/Inventor/Fusion360

Siemens NX / CATIA

AutoCAD / Autodesk Revit

BEXEL Manager

Tableau / Power BI