

CIVIL ENGINEER | GIS & PHOTOGRAMMETRY | STRUCTURAL & HYDRAULIC DESIGN

MATEO ULMAR MUÑOZ DUGUID

About me:

Civil Engineer with a solid foundation in structural and hydraulic engineering, and practical experience in GIS, photogrammetry, CAD, and LIDAR data processing. Proficient in tools such as ArcGIS Pro, QGIS, Civil 3D, Revit, and SAP2000, with strong adaptability and commitment to high-quality results. Motivated to advance my career as a BIM Modeling Specialist, integrating digital modeling and multidisciplinary coordination to deliver efficient and innovative infrastructure solutions.



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- [Folder](#)

Experience:

- Apr 2021 a Jul 2021** ● **Hymac Ingeniería S.A.S**
Passant
 - Review information related to hydraulic engineering projects.
 - Digitally draft proposed designs and technical documents.
- Oct 2021 a Dec 2021** ● **Cemosa–Amauta Penitentiary Consortium**
Estructural Support Engineer
 - Conduct visual inspections and surveys of structural elements.
 - Draft and digitize structural plans.
- Jun 2024 a Oct 2025** ● **Francisco José de Caldas District University**
Cartography Laboratory Assistant
 - Provide logistical and operational support for academic and administrative processes.
 - Advise, assist, and guide laboratory users.

Education:

- 2024** ● **Civil engineering professional**
Universidad de la Salle

Technical Skills:

- **GIS Tools:**
 - ArcGIS Pro
 - QGIS
 - Global Mapper
- **Photogrammetry:**
 - Metashape
 - Pix4D
 - Drone2map
- **CAD Tools:**
 - Revit
 - Civil 3D
- **LIDAR Processing:**
 - Faro Scene
 - Cloud Compare
 - Recap
- **Structural and Hydraulic:**
 - SAP 2000
 - EPANET

Languages:

- Native** ● **Spanish**
- B2** ● **English**

Hellow! I am a Civil Engineer.