

LEONARDO FREITAS

Civil Engineer-in-Training | BIM Specialist | Construction Estimating Professional

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PROFESSIONAL SUMMARY

Civil engineering and BIM professional with more than five years of progressive experience in Revit production, multidisciplinary coordination, reality-capture workflows and industrial project delivery. Current Canadian experience includes residential drawing review, quantity and pricing verification, purchase-order review, change orders and production scheduling. Combines technical modelling with construction estimating and business administration knowledge to support clear, practical project decisions.

CORE QUALIFICATIONS

BIM & Coordination	Estimating & Construction	Project Delivery
Revit modelling; Navisworks federation; ACC / BIM 360; point clouds; photogrammetry; model review	Drawing review; quantity take-offs; scope verification; PO review; pricing checks; change orders	Multidisciplinary coordination; technical documentation; production scheduling; team support up to 15 professionals

PROFESSIONAL EXPERIENCE

Production Assistant - Estimating Support Empire Envelope Ltd. Edmonton, Canada - Review residential drawings, purchase orders and scopes across paint, drywall and related construction packages. - Verify quantities, pricing, colours, change-order requirements and discrepancies before production. - Create, schedule and maintain production jobs using Plexxis, JobSchedule, SupplyPro / BuildPro and builder portals.	2025-Present
Project Coordinator SANDECH Brazil - Coordinated industrial BIM projects, multidisciplinary deliverables and technical review priorities. - Managed model-review communication, project documentation and controlled delivery cycles. - Supported a BIM production team of up to 15 professionals across active project demands.	2023-2024
BIM Specialist SANDECH Brazil - Developed Revit standards, templates, parametric content and repeatable production workflows. - Federated and reviewed multidisciplinary models in Navisworks to clarify discipline interfaces. - Supported point-cloud, photogrammetry and Autodesk Construction Cloud delivery workflows.	2022-2023
BIM Draftsman SANDECH Brazil - Produced Revit models and technical documentation for industrial project teams. - Converted field information, laser-scanning data and photogrammetry into coordinated model references. - Prepared drawings, model views and technical outputs for multidisciplinary review.	2020-2021
Buyer / Estimator Jodi Metalica Brazil - Prepared material take-offs, supplier quotations and procurement comparisons. - Reviewed structural drawings and scope requirements to support estimating decisions.	2020

EDUCATION & VERIFIED CREDENTIALS

Business Administration - Management

NorQuest College | Edmonton, Canada |
2024-2026

Business Administration Diploma, completed in 2026.

Bachelor's Degree in Civil Engineering

UMC | Brazil | 2013-2018

WES verified. Canadian equivalency: bachelor's degree (four years).

Postgraduate Diploma in BIM Management

IPOG | Brazil | 2018-2020

WES verified. Canadian equivalency: postgraduate diploma (one year). Major: BIM Project Management Tools.

Academic verification: [WES Evidence](#) | [Digital Badge](#)

TECHNICAL TOOLS

BIM, Design & Coordination

Revit; Navisworks Manage; AutoCAD 2D / 3D; ACC / BIM 360; Vehicle Tracking; Autodesk Forma

Reality Capture & Visualization

ReCap Pro; FARO SCENE; RealityCapture; DroneDeploy; Drone Harmony; Lumion; Enscape; Twinmotion

Estimating, Delivery & Management

Bluebeam Revu; Microsoft 365; Microsoft Project; Plexxis; JobSchedule; SupplyPro / BuildPro

SELECTED PROJECT EXPERIENCE

Refinery BIM Model

Federated multidisciplinary facility model integrating tanks, pipe racks, buildings, access routes and marine infrastructure.

Offshore Industrial Coordination

Model-review and coordination workflows covering structure, piping, equipment, technical spaces and access requirements.

Loading Terminal BIM Model

Coordinated Revit model combining steel framing, platforms, piping systems, vehicle access and operational clearances.

PROFESSIONAL MEMBERSHIP

APEGA Member-in-Training. Professional engineering practice and title use remain subject to Alberta regulatory requirements.

Languages: Portuguese (native); English (professional working proficiency); Spanish (basic); French (beginner).