Luis Alonso Otero Seminario

Civil Engineer | BIM | VDC | Software Developer
[Portfolio Here](#)

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EXPERIENCE

11/2021 - Present
truemechanical.com

VDC Automation & Designer
True Mechanical Ltd. (Vancouver, Canada)
- Automated BOM and Spooling plan for the mechanical rooms.
- Optimization of prefabrication process with a focus on cost reduction.
- Development of Macros, Add-ins, and Dynamo script to automate manual time-consuming tasks.

01/2022 - Present
weclash.xyz

BIM Software Developer
WeClash - App to improve Construction Industry
- Cloud-based 3d Viewer for sharing plans 2D or 3D.

07/2018 – Present
dynoscript.xyz

AutoCAD & Revit API Developer
Dynoscript Freelance (Worldwide)
- Freelance Consulting for automation solutions within the BIM workflow. Development of custom Revit or AutoCAD Add-ins following client's requirements.

03/2019 – 03/2021
cypco.cl

BIM Coordinator
Cypco Constructora (Santiago, Chile)
- BIM Coordination of MEP Specialties in construction site.

08/2017 – 03/2019
idom.com

BIM Modeler
IDOM Consulting, Engineering, Architecture (Santiago, Chile)
- Detailed MEP engineering in New Pudahuel Expansion and Modernization of the Arturo Merino Benítez International Airport, Santiago de Chile.

BIM Modeler

01/2017 – 05/2017
alzerrecaydiaz.cl

Alzérreca y Díaz Constructora (Santiago, Chile)
- BIM Coordination in Las Condes Clinic expansion project, Radiotherapy Area.

01/2015 – 07/2015

Production Engineer Intern
Izquierdo & Casafranca Construcciones Metálicas S.A. Piura, Perú.
- Build Gantt Chart and track project progress according to the master plan.

EDUCATION

2021 — **Bootcamp Full-stack Web Developer.** Coderhouse Academy

2016 — **Diploma in advanced BIM for building projects and**
New Digital Technologies in Architecture: Modeling and Development of BIM Projects.
Pontifical Catholic University of Chile

2015 — **Civil Engineer Degree & Diploma in Construction Project Management (PMI approach).**
University of Piura (Perú)

SKILLS

Languages	• Spanish (native), English (Professional conversation).
Architecture & Engineering	• Revit Autodesk, Navisworks, Dynamo, Revit API, Forge API, AutoCAD.
Desktop & Web Development	• React, Express, Node JS, Vue, Docker, .NET. C#, JavaScript, Python.
DevOps	• Heroku, Vercel, Azure, Digital Ocean.