

Luis Alonso Otero Seminario

Civil Engineer | BIM | VDC | Software Developer
[portfolio-with-projects-here](#)

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EXPERIENCE

11/2021 - Present truemechanical.com	VDC Automation & Designer True Mechanical Ltd. (Vancouver, Canada) <ul style="list-style-type: none">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 <ul style="list-style-type: none">Cloud-based 3d Viewer for sharing plans 2D or 3D.
07/2018 – Present dynoscript.xyz	AutoCAD & Revit API Developer Dynoscript Freelance (Worldwide) <ul style="list-style-type: none">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) <ul style="list-style-type: none">BIM Coordination of MEP Specialties in construction site.
08/2017 – 03/2019 idom.com	BIM Modeler IDOM Consulting, Engineering, Architecture (Santiago, Chile) <ul style="list-style-type: none">Detailed MEP engineering in New Pudahuel Expansion and Modernization of the Arturo Merino Benítez International Airport, Santiago de Chile.
01/2017 – 05/2017 alzerrecaydiaz.cl	BIM Modeler Alzérrecay Díaz Constructora (Santiago, Chile) <ul style="list-style-type: none">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. <ul style="list-style-type: none">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	<ul style="list-style-type: none">Spanish (native), English (Professional conversation).
Architecture & Engineering	<ul style="list-style-type: none">Revit Autodesk, Navisworks, Dynamo, Revit API, Forge API, AutoCAD.
Desktop & Web Development	<ul style="list-style-type: none">React, Express, Node JS, Vue, Docker, .NET. C#, JavaScript.
DevOps	<ul style="list-style-type: none">Heroku, Digital Ocean.