

# Luis Alonso Otero Seminario

Civil Engineer | BIM | VDC | Software Developer

[Portfolio Here](#)

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[alonsooteroseminario.medium.com](https://alonsooteroseminario.medium.com)

## EXPERIENCE

11/2021 - Present

[truemechanical.com](https://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](https://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](https://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](https://cypco.cl)

### BIM Coordinator

Cypco Constructora (Santiago, Chile)

- BIM Coordination of MEP Specialties in construction site.

08/2017 – 03/2019

[idom.com](https://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.

01/2017 – 05/2017

[alzerrecaydiaz.cl](https://alzerrecaydiaz.cl)

### BIM Modeler

Alzérrecay 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

2016

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

**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

Architecture & Engineering

Desktop & Web Development

DevOps

- Spanish (native), English (Professional conversation).
- Revit Autodesk, Navisworks, Dynamo, Revit API, Forge API, AutoCAD.
- React, Express, Node JS, Vue, Docker, .NET. C#, JavaScript.
- Heroku, Digital Ocean.