

Alan Antunes Fraga Luz

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São Paulo, Brazil

Engineering Technologist

SUMMARY

- Multilingual 3D Designer / BIM and BAC in Civil Engineering, and over 10 years of experience in the field.
- Proficient in various CAD/DAO development tools, such as AutoCAD 2D/3D, Civil3D, Revit, Inventor, 3DS MAX, Microstation, TEKLA Structural, Blender, Sketchup, and Faro Scene, with mastery of 3D laser scanning, collection, and as-built modeling.
- Experienced drone pilot, familiar with DJI Matrice 210 V1 and DJI Mavic 2 zoom.
- Strong skills in image and video editing, using Adobe Premiere, Adobe After Effects, Photoshop, and Pinnacle Studio. Proficient in rendering engines such as Lumion, Corona, Vray, and Unreal5.
- Skilled in project management tools such as Trello, and with knowledge of Microsoft Suite, JavaScript, VueJs, Bootstrap, and Github.

PROFESSIONAL EXPERIENCE

- **Technical 3D designer manager**

PMESP - Jan 2012 - Present

- Develops structural and architectural projects for new buildings, offices, work rooms, meeting rooms, changing rooms, and others, using BIM technologies.
- Operates equipment such as FARO FOCUS 3D X 330 LASER SCANNER for point cloud and image capture, and drones DJI Matrice 210 V1 and DJI Mavic 2 zoom.
- Instructs courses on investigative logistics, demonstrating the importance of technologies as support.

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- **BAC in Civil Engineering - FMU - São Paulo - 2018**
 - **Certificate in Financial Management - Insper - São Paulo - 2020**
 - **Software Engineering - UNIFAEL - 2022**

DIPLOMAS OF ADDITIONAL COURSES

Design of CAD/CAD Buildings – 3D - 2014
SENAI

Engineering Applied to Foundations and Containment - 2016
FAAP

Training on FARO Focus X330 – 2017
FARO

Scene Software Training - 2017
FARO

Training on Reality - 2017
FARO

FARO Zone 2D / 3D - 2018
FARO

Compliance - 2018
Insper

Data Protection (GDPR) - 2019
Insper

Operator of RPAs "Drone" (Remotely Piloted Aircraft System) - 2019
PMESP - CAVPM

WHMIS 2015 for Workers - 2020
CCOHS

Transport of Dangerous Goods - 2020
Canadian Red Cross

LANGUAGES
English: CLB-6
French: B-2
Portuguese: Native Speaker