

PAULO GIAVONI

2D/3D CAD Specialist

@ paulo.giavoni@gmail.com +5511965248049 Perugia , Italy in Paulo Giavoni



EXPERIENCE

Electrical Designer - Revit

Norhart Inc

Jan 2024 – Jun 2024 Remote - Minnesota, US

- Lead the electrical design for multi-residential buildings utilizing Revit and Dynamo in compliance with the NEC Code (US).
- Support lighting calculations and cable sizing through advanced programming techniques.
- Conduct regular check-in meetings to present progress and deliverables to supervisors, ensuring project alignment and deadlines are met.

BIM Specialist

Voith Hydro Latam

Apr 2021 – Dec 2023 Hybrid - Brazil

- Spearheaded the implementation of BIM methodologies, significantly optimizing modernization processes for hydroelectric power plants.
- Managed and coordinated the 3D scanning and modeling of the Paulo Afonso IV Hydroelectric Plant.
- Provided international modeling support for projects in Australia, Germany, and the USA.
- Led training programs and development sessions, enhancing team proficiency in BIM.

BIM Specialist

Adecco - Latam

May 2019 – Mar 2021 Remote - Brazil

- Contracted through Adecco to deliver BIM modeling services for GE Grid ACS in São Paulo, Brazil.
- Acted as a training leader in Revit, Navisworks, and Dynamo across the LATAM region.
- Standardized 3D elements for electrical substations, ensuring consistency and efficiency.
- Developed BIM models for 230kV and 500kV substations, enhancing project accuracy and detail.

BIM Modeler

Projetar Engenharia

Jun 2017 – Oct 2018 São Paulo, Brazil

- Designed electrical installations using BIM, improving project workflows and accuracy.

BIM Modeler

Temon Serviços

Jul 2016 – Apr 2017 São Paulo, Brazil

- Modeled electrical installations for the particle accelerator project in Campinas, Brazil, ensuring precision and compliance with technical specifications.

BIM Modeler

Knijnik Engenharia Integrada

Jul 2016 – Apr 2017 São Paulo, Brazil

BIM Modeler

Soeng Construção Hidroelétrica LTDA

Sep 2010 – Feb 2014 São Paulo, Brazil

EDUCATION

Master's in Building Information Modeling (BIM)

Polytechnic School, University of São Paulo (USP)

2021 – 2023 São Paulo, Brazil

- Specialized in advanced BIM methodologies and applications in engineering and construction projects.

Postgraduate in Digital Architecture and Parametric Design

Centro Universitário Belas Artes

2020 – 2021 São Paulo, Brazil

- Focused on digital tools and parametric design techniques to enhance architectural workflows.

Bachelor in Electrical Engineering

Faculdade de Engenharia de São Paulo (FESP)

2013 – 2016 São Paulo, Brazil

- Comprehensive study in electrical engineering principles, with a focus on practical applications in various sectors.

Technologist in Electrical Systems

Instituto Federal de São Paulo (IFSP)

2010 – 2012 São Paulo, Brazil

- Emphasis on the development and maintenance of electrical systems.

Technician in Civil Construction

Instituto Federal de São Paulo (IFSP)

2005 – 2007 São Paulo, Brazil

- Gained foundational knowledge in civil construction, preparing for further specialization in engineering.

TECHNICAL SKILLS

Revit Architecture
Revit MEP
Navisworks
Dynamo
Inventor



LANGUAGES

Italian
English
Portuguese

