



Betzabeth Anaïs Santana Garanton

Electrical Engineer

Work Experience

FIIDT | Caracas, Venezuela (April - November 2018)

Internships

- Implementation study of distributed generation sources for the FIIDT institution.

SELF EMPLOYED | (May 2019 - Present)

Photovoltaic Design Engineer

- Design Grid connected, Rooftop and Ground Mount Residential and Commercial PV Solar Electrical Systems in compliance with NFPA, NEC, IEEE 1547, UL 1741, California Rule 21 and OSHA safety measures; including the array, inverter, circuit conductors, and overcurrent protection.

AVILA SOLAR, LLC | (June 2020 – October 2020)

Solar Residential Designer

- Design entire sets of drawings for residential (Site Plan, Structural Plan, Electrical Plan, SLD, Labels) using AutoCAD and Excel, and solar analysis using Aurora.

✉ santanabetza@gmail.com
☎ + 58 (424) 1584786
📍 1080 Calle Sur 7, Centro comercial El Placer I, apto 4. Urb. El Placer. Baruta, **Caracas. Venezuela.**
🌐 www.linkedin.com/in/Betzabeth-santana

Professional summary

As an Electrical Engineer with experience in the Solar Industry, I am prepared for the challenges of designing, promoting and implementing renewable energy solutions within society's rapidly changing energy related industry.

Professional Skills

Windows, Microsoft Office, MATLAB, Language C, AutoCAD, PVSyst, Helioscope, Aurora.

Communication Skills

Spanish (Native)
English (Intermediate)

Education / Certifications

Bachelor of Science (BS) Electrical Engineering | University Simon Bolivar, Caracas, Venezuela, May 2019.

Certification: Electrical Installations Projects Level 1: Single Family | Carabobo University, Venezuela, May 2020

Certification: Electrical Installations Projects Level 2: Multifamily | Carabobo University, Venezuela, May 2020