

Freddy Cornejo

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www.linkedin.com/in/f-cornejo

EDUCATION

Georgia Northwestern Technical College (Rome, GA)

2011 · 2013

- Electrical Systems Technology Diploma; Electrical Technician Certificate

Southern Polytechnic at Kennesaw State University (Marietta, GA)

Junior

- Electrical Engineering Technology, BS

EMPLOYMENT

GTP Consulting Chenega EHF (Duluth)

Electrical Designer–

- Design electrical system deliverables utilizing computer aided software: integrate and create preliminary as built drawings to permit set. Continual local code reference including NEC for energy-efficient, code-compliant design. Daily coordination with in-house disciplines: mechanical, plumbing, fuels. Calculate and implement electrical engineering principles for panel load optimization. Attend weekly QA meetings. Assist PE and other design leads in meeting project schedules through quality assurance.

TheGreenHelp (TN, GA)

2022 · 2024

Subcontractor –

- Project scheduling. Troubleshoot/calculate existing equipment/loads. Create and Provide project estimates. Pre and post site surveys. Business consulting in nearby regions. Direct communication with AEC collaboratives/business owners. Review: final set, power and lighting drawings including product specs. Optimize drawings (multi-family and condominiums) for cost efficiency. Direct communication with PM, QC, and vendors via BIM protocol. Calculate/review: box fill, OCPD, wire size. Design (AutoCAD, Revit) optimized electrical drawings for direct field installation.

Home Depot (GA)

2015 · 2021

Sales Associate: Garden, Electrical, Perimeter Captain –

Customer retention by providing exceptional and memorable in-store shopping experiences:

- Engage with a broad client spectrum in home-improvement projects (nursery, electrical, kitchen and bath, flooring). Self-driven attitude for continual, key product training. Daily collaboration with neighboring departments/vendors.

Sales and workflow optimization:

- Drive Install Sales. Maintain a safe and clean shopping environment. Create/layout seasonal decor with in-store product (holidays and promotions). Extensive live-goods and outdoor gardening sales, layout/design, install.

Salas O'Brien (Atlanta, GA)

2018 · 2019

Electrical Design Engineer, Co-op –

Under direct supervision of Professional Engineers:

- Design electrical (AutoCAD, Revit, COMcheck), code compliant (National Electrical Code) and energy efficient deliverables (redlines to final set) with computer-aided software: Specifications, Base Plans, Power RCP, One-Line Diagrams, COMcheck, Photometrics. Scan/integrate existing building plans.
- Calculate: existing/new panel load (power and lighting), voltage drop, separately derived systems (transformer size/type and generators), conduit, wire gauge, feeders, clearance space, OCPD type/size, fire safety (strobe/alarm) spacing. Joint effort dynamic with in-house engineering disciplines (Mechanical, Plumbing, Low Voltage/Fire Safety). Routinely site survey coordination. Participate in weekly industry Q&A meetings. Direct BIM coordination with AEC collaboratives/business owners.

Faith Technologies (Atlanta, GA)

2013 · 2015

Electrical Apprentice –

Under direct supervision of Journeymen Electricians/Superintendents:

- Interpret and execute electrical blueprints of power/control systems. Calculate/install per NEC: box fill, wire gauge, panel load, voltage drop, conduit size/bend, clearance space, OCPD size/type. Assist with project material inventory.
- Supply and terminate electrical panels/switchgear up to six-hundred volts. Install separately derived systems ie. transformers and generators. Daily coordination with neighboring trades to eliminate foreseeable scheduling conflicts and physical equipment layout. Fabricate temporary panel/feed for new construction.

Lowe's Home Improvement (Rome, Ga)

2008 · 2013

Sales Associate: Lawn & Garden –

Ensure repeat clientele by greeting, inquiring, and providing exceptional customer service:

- Daily engagement with wide range of consumers (contractors, home/business owners) while maintaining a clean and organized shopping environment. Acknowledge customer complaints/concerns and connecting with appropriate department/avenue for precise and efficient problem solving; Self-driven, updated, training completion. Extensive live-goods and outdoor garden sales, design and install.

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LANGUAGE

English, Spanish – Native Proficiency: read, write, and speak