

William Bello
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Obsessions:

Telemetry and control using micro controllers, PCB design and engineering.
IoT automation device design, construction, programming and installation.
Commercial, industrial and residential electrical construction.
Generator/uninterruptable power system engineering and installation.
Telephone and computer network wiring and data center construction.

Experience:

Over 35 years electrical and digital systems troubleshooting and installation.
Electrical panel and power distribution installations to 480V @ 400A
Generator/UPS system engineering and installation for mission-critical locations.
Solar off-grid power inverter systems installation and engineering.
Emergency Communication Fire and Medical- Quick Response Team
Complete turnkey residential/commercial/industrial construction, wiring and TI.
Comfortable with following schematics, blueprints and contractor specifications.
Examples of my original PCB designs can be checked out at <http://arduet.com>

Ancient History:

Digital PBX and Key System installation and programming certifications on:
Toshiba, NEC, Panasonic, Telrad, MITEL, Vodavi, StarPlus, Merlin and Partner.

Certifications for Radionics, Ademco, DSC and DMP security and life safety systems.
Secured access controls and automatic gate control systems installation and troubleshooting.
Door King and Elite gate operator and remote video phone system interfacing and installations.
Trained on Lenel, SoftwareHouse, Corby, KeyScan and Kantech.

Experienced with Futureproof, structured wiring, network topology and broadband cabling.
Home A/V and commercial business presentation center construction, integration and automation.
Tooled for 110, Krone, 66, and 3M schemes. Data Center/Comm center design and construction.

LUTRON factory trained on RadioRA, SpacerSystem. HomeWorks and LiteTouch.
Installation of 1% HVAC controls and building lighting and energy management controls.
Landscape, pool and designer lighting systems specification and installation.

Education:

College of San Mateo, San Mateo, CA 1979 to 2013 (it never ends)
Electrical and Computer Science major, 62 units, 3.6 last reported GPA.

Historical Associations/Services:

HighTech Electric, C10 License #766331, California- Sole Proprietor, www.arduet.com
Damran Electric, Cloverdale, CA- Electrician, Residential and Commercial Construction
Communications Contractors Inc. South San Francisco- Data/Telecom System Installer
Pinkerton (Electronic Systems Division), Walnut Creek- IBEW Electrician/Technician
Communications World, Foster City- Data/Telecom Telecom Field Service Engineer
Data Access Systems, San Bruno- Computer and Network Field Service Engineer
DataPoint Computer, Burlingame- Mini/Mainframe Computer Field Service Engineer

Professional References:

Available on request.