

Mr. David S Yao

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Subject: Electrician or Electrical technician

Dear Manager:

I am writing to apply for the position of **Electrician or Electrical technician** in your organization. I have solid qualification to support this application and would appreciate your consideration of the attached resume. In summary, my credentials include:

- Broad experience in Electrical equipment, Electronics control driver (VFD) and AC/DC motor, Electrical control systems, Control Panel, Switchgear, Circuit Breakers installation, maintenance, test, troubleshoot.
- Completed installation, maintenance and repair on MCC room, Power distributed control room, PLC systems and VFD's driver, HVAC Boiler systems, Process chiller refrigeration, LV/HV Control Panel at customer site.
- Developed and completed power distributes substation (330kv, 27,5kv, 6kv, 380v) systems design, installation, commissioning.
- Knowledge of CSA Standard and the CSA Electrical Code-CEC Part 1.
- Knowledge of CSA Special Inspection- SPE1000, SPE3000 and CSA 209_WI Special Inspection Electrical; Supplementing Protectors.
- Stronger problem solving skills with PLC hardware and PLC programming (Allan Bradley PLC and GE 90_30).

I would like to put this expertise to work in an **Electrician or Electrical technician** position. If you currently searching for someone with my credentials, I would be pleased to meet with you to discuss how I contribute my technical skill in achieving your organization's strategic objectives. Thank you for your consideration.

Yours sincerely,

David S Yao

David S Yao

Email: davidyao332@gmail.com , Tel : 403 998 8333

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OBJECTIVE

Electrician or Electrical Technician

TECHNICAL SUMMARY

Licenses: Certified Journeyman in Electrician

WORK EXPERIENCE

CSA Electrical Certifier & Inspector
CSA Group Testing and Certification

8, 2015-9,2019

- Performed factory inspection on certified or non-certified products including review of Manufacture's quality control records to ensure on going compliance with the applicable requirement.
- Performed Pre-license and Routine factory inspection/ audits.
- Reviewed listings of certified equipment and applicable Notice and informs with Manufactures and arranges special assignments.
- Witnessed testing carried out by manufactures personnel at factory location.
- Maintained follow-up systems and correspondence with manufacturers addressing outstanding issues from discussions during preceding factory inspection or Field evaluation visit.

Journeyman Electrician
TESCO Corporation Canada

10, 2003-8,2015

- Performed plant electrical power systems (Power distribution system, Power panel, Control panel, Switchgear, Circuit Breakers, PT, CT, Transformer) routine maintenance, repair.
- Completed maintenance and repair on MCC room, Power distributed control room, PLC systems and VFD's driver at customer site.
- Installed, troubleshooting, maintained Electrical Top Drive and Hydraulic Top Drive, Power Modular, Pump Skid Mechanical Modular.
- Installed and implemented electrical DC/AC Motor control systems, Power supply modular for Top Drive systems.
- Provided and implemented troubleshooting for varies of industrial control systems, generators and motor control systems, switchers, transformers and regulators etc. Install, replace, wiring and repair electrical control panel.

Journeyman Electrician
Trotter & Morton Group, Canada

01.2000-10.2003

- Provided installation and commissioning of Building management systems, MCC power Panel, LV/HV Distribution panel, Security, Nurse call system, Fire alarm and Data systems.
- Provided installation and commissioning of Lighting and Emergency lighting systems, Fire Alarm systems, Access control system, Voice/Data systems, Lighting Protection, CCTV, etc..
- Provided Maintenance, Service and repair of HVAC Boiler Systems, Process chiller refrigeration for contracted customer.
- Provided installation of Power cable and wiring, electrical control devices, control panels.

Electrician, Electrical Repair Technician
Northern Drives & Control Ltd. Hampshire, UK

02.1998-01, 2000

- Examined and repaired varies of electrical devices and equipment include AC/DC drives, control panels, Programmable logic controls, Motor control, Transformers, PLC and instrumentation equipment.
- Provided and implemented component level faulty diagnosis, rectification and repair include AC/DC motor drive, Serve and stepper motor control, encode/ decode controller and varies industry monitors and recorder.
- Troubleshoot and repair lighting and Electrical Heat Trace system.
- Developed and designed digital and analogue interface card for computer industry auto-instrument device include program coding.

Network and Computer Technician
D-Link (Europe) LTD. London, UK

12, 1994-01, 1998

- Provided and implemented component level troubleshooting and repair for varies of network devices, desktop, Laptop computer.
- Providing and implemented networking (LAN/WAN), hardware component level repair and software testing, configuration and troubleshooting.
- Providing network, hardware and software consultant to clients including determining initial requirement and necessary documentation.
- Troubleshoot client's network system include the server, printer and Laptop / PC.
- Provided overall daily router and server administration including monitoring analysis's troubleshooting and performance tuning.

Electrical Technician
China Academy of Sciences and Research

1986-12, 1994

- In charge of the power station operating, routine and season test, maintenance standard and measure power quality and power logic protection control systems, arranging power and load adjust; ground fault integrity of circuit.

- Install, Test and setup 330kv, 27.5kv, 6kv and 380v power distribute station devices protection circuit, supervised contractors completing the power substation.
- Maintenance and repair the power station device and equipment including the high voltage oil filled and dry core transformers, SF6 high voltage and vacuum breaker systems, switchgear, CT, PT, center control systems.
- In charge of the power station safely operating, testing procedures and reports.
- Completed center control systems installing, maintenance and troubleshooting.

EDUCATION

Relevant Course:

Electrical Technician, Top Drive System Training Course

(Completed a 64 Hours at **TESCO**)

PLC Control Applications Certificate

(Completed a 200 hours Allan Bradley PLC program at **SAIT**)

Computer Programming Certificate

(Completed a 210 hours program at **SIAT**)

Computer Networking Certificate

(Completed a 210 Hours program at **SIAT**)

Microprocessor and Control Systems Certificate

B.Sc. in Electronics and Electrical Engineering

(Northern Jiaotong University, Beijing, China)

1981-1986

References available upon request