

Nima Mohammad

Winnipeg, MB Canada | 204.333.7494 | nimamohammadd@gmail.com

MANITOBA RED SEAL CERTIFIED POWER ENGINEER

Technically sophisticated, results-driven, certified Power Engineering professional, motivated and focused in supporting complex, deadline-driven projects; skillful at identifying goals and priorities while resolving problems in initial stages.

AREAS OF EXPERTISE

- Broad knowledge and success in power and electrical engineering environments including requirements gathering, assessment, and full life cycle project management.
- Expert knowledge in welding and soldering, electrical systems, assembly and disassembly of pumps and compressors, power equipment replacement, electrical maintenance, minor plumbing, and light carpentry projects.
- Success developing, executing, analyzing qualification, integration, and acceptance testing plans for diverse power and electrical systems.
- Skilled team leader and educator with a track record of directing multiple tasks effectively to ensure the on time completion of all deliverables.
- Outstanding interpersonal and communication abilities leveraged to train users, troubleshoot system issues, and ensure complete client satisfaction.

TECHNICAL SKILLS

Computer Skills: NETWORK+ (IP devices networking), Microsoft Office (including Word, Excel, Power Point, and Outlook), Photoshop, CISCO, VMware

Tools: Scientific calculator, PPE (including safety goggles, hard hat, dust masks, ear muffs, and safety boots), electrical saws, electrical drills, chisels, metal files, wrenches (including box end, open end, adjustable, ratchet, and allen), pliers (including extra-long, regular needle nose, tongue and groove arc, locking and wire cutters), utility knives

Soft Skills: Strong written and verbal communications skills, able to work confidently at great heights, CPR certified, knowledge of CSE, WHIMS, technical reporting, design interpreting, technical analysis and observation, presentations, multitasking, lateral thinking, quick study, bilingual (English & Farsi).

Equipment: Boilers not exceeding 1100KPa, chillers and refrigeration machines, pumps, air compressors, water treatment materials and measurement devices, steam traps, HVACs, condensate and steam pipelines, radiators, reheat coils, DC/AC generators and motors, flow meters, electronic and pneumatic instrumentations, and other power generation, transmission and distribution subsystems

PROFESSIONAL EXPERIENCE

HEADINGLEY CORRECTIONAL CENTER, Winnipeg, MB

Power Engineering Technician (Practicum), 2018

Successfully performed routine operating and maintenance procedures assisting the shift engineer with all duties including shutting down boiler, compressor, and pumps; changed steam condensate pipelines, radiators, water treatment systems, steam traps, HVAC filters, and reheat coils through field inspections and the study of P&ID.

- Professionally and swiftly responded to call outs as required to support operational needs; utilizing flow meters, electronic and pneumatic instrumentation, and large compressors with electric motor drives.
- Earned valuable expertise leading all maintenance operations and preventative maintenance programs to ensure the safe and smooth operation of the facility.

INTELLIGENT STRUCTURES INC., Winnipeg, MB

Electrician, 2017 - 2018

Installed, programed, tested, repaired and serviced variety of complex electrical monitoring systems including structural health monitoring systems on Manitoba bridges; interpreted and read manuals, schematics, and wiring diagrams while utilizing knowledge of electronics to complete all mounting and wiring applications.

- Assisted in the preparation and troubleshooting of installation kits; soldered connectors, mounted modules on bridges, and wired the system for in field installation.

...continued...

Nima Mohammad

Page Two of Two

- Programmed and updated module firmware; documented and maintained records of installation and maintenance efforts.

SAMANEHAYE HOOSHMAND SANYAR, Tehran, Iran

Electrician, 2017

Effectively assisted in the planning, execution, and troubleshooting of complex 2N IP Access Control and IP Audio systems. Configured system network settings, connected wiring, launched domains, servers, and low voltage electrical systems based on related computer protocols.

- Read datasheets, followed installation standard process, and troubleshoot in residential and industrial environments.
- Established reputation for remaining perceptive to others needs, supportive, and committed to reaching team goals.

PAYAM NOOR UNIVERSITY, Tehran, Iran

Sessional Instructor, 2014 - 2017

Effectually oversaw the compilation of course outlines, labs, exams, and other relative course materials for students completing their finals projects in electrical engineering. Taught multiple classes and labs including electrical circuits, electronic circuits, fundamentals of electrical engineering, circuits and measurements, electrical motors / generators, and high voltage systems.

- Supervised and provided essential guidance to students completing finals projects to complete their undergraduate studies.
- Engaged learners in activities designed to strengthen ties to career development, including supervised group visits to 2nd class power plants.

ADDITIONAL EXPERIENCE

ASSINIBOINE PARK, Winnipeg, MB

Banquet Server, 2018 - Present

SAMANEHAYE HOOSHMAND SANYAR, Tehran, Iran

Electrician, 2017

AGAH-PARSA LAW INSTITUTE, Tehran, Iran

Office Manager, 2015 - 2016

IMAN MEHR GROUP CO., Tehran, Iran

Manager Assistant, 2014 - 2015

SCIENCE AND TECHNOLOGY DEPARTMENT, Tehran, Iran

Administrative Assistant / VP Science & Technology, 2008 - 2012

EDUCATION & CERTIFICATIONS

Red Seal Power Engineer 4th Class Technician | Office of the Fire Commissioners, Winnipeg, MB - 2018

Bachelor in Electrical Engineering | Azad University, Tehran, Iran – 2004

Standard First AID / CPR / AED Level C | St. Mark James Training, Winnipeg, MB - 2018

NETWORK+ | Rahin Network Training Center, Tehran, Iran – 2017

Photoshop Certificate | Central MFRT, Tehran, Iran – 2017

AutoCAD Certificate | Arad Elm Institute, Tehran, Iran – 2017

CISCO Workshop | Rahin Network Training Center, Tehran, Iran – 2017