

To whom it may concern,

I have a diploma from the two year power engineering technology program at Saskatchewan Polytechnic. I received the Power Engineering Distinguished Student Award for the top student in my class. I have passed the 2A1 and 2A3 government exams and I am currently working toward completing more second class government certification exams.

Prior to taking a power engineering diploma course, I had been working on drilling rigs in Alberta and northern British Columbia. I have also previously worked in an office setting and found that, though I am adept at paper work, I do not enjoy a work day that consists of cubicles, ties, and endless boardroom meetings. My previous work in the oil field has been contract work with no set rotation or schedule and no guaranteed amount of hours. I am hoping to find a new career that can give me more stable employment and a more regular shift schedule while still keeping me out of the office. I hope to take the skills that I have learned through schooling and work experience and apply them to a new and rewarding career.

Thank you in advance for any consideration that my application may receive and please feel free to contact me with any questions.

Regards,
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Resume

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Education

May 2018 Saskatchewan Polytechnic – Power Engineering Diploma Program
May 2009 University of Saskatchewan – B. Sc. Geology (Honours degree)
June 2006 SIAST Kelsey Campus – Pharmacy Technician Certificate
April 2005 University of Saskatchewan - B. Sc. Geology (3 year Degree)
2000 St. Brieux High School - Grade 12 Diploma, Honor Student

Work Experience

November 2017

Position: Power Engineering Student

Company: Husky Energy Inc.

Summary: Unpaid work term at Husky SAGD plant at Vawn Saskatchewan. Observed and assisted field operator on steam side of plant. Assisted operator while performing rounds; checking once through steam generators, pumps, heat exchange equipment, water softeners and filters, chemical levels etc. Collected water samples and performed water tests. Received walk through and overview of operation of well pads and oil side of plant.

Summer 2017

Position: Power Engineer/Operator

Company: Yara Belle Plaine Inc.

Summary: Worked on a rotating shift schedule as an operator in the water treatment plant at the Yara Belle Plaine fertilizer plant.

Duties: Take water samples from various tanks/vessels, perform accurate water tests and record results. Monitor water test results for numerous variables to ensure that conditions stay within defined operating parameters. Inform panel operator of any deviations in water quality and work to correct deviations. Perform rounds to check on plant equipment (pumps, heat exchangers, cold water softener/clarifier, cooling towers, screens, filters, chemical tank levels, agitators, demineralization train (cation, anion, mixed bed exchange vessels), sewage treatment equipment, electric and diesel engines, emergency fire water system, chlorine dioxide system). Record discharge pressures, differential pressures, tank levels. Manipulate valves to switch water flow from one demineralization train to another and prepare exhausted train for regeneration. Observe proper safety procedures while working with dangerous chemicals (acid, caustic, etc.). Adjust pump speeds, flush lines, clean screens, add chemicals/adjust chemical feeds, batch chemicals, lock out tag out equipment for repairs, unlock repaired equipment and put it back into service, add oil to pumps when necessary, adjust various valves as instructed by the panel operator, take samples for lab, clean work area and practice good housekeeping. Study company training module to familiarize myself with one of the plant's boilers. Do a presentation to the crew and answer questions about the boiler that I studied (explain its operation, different components, fluid flows, start up procedures, trips, etc.).

February 2017

Position: Power Engineering Student

Company: Mosaic

Summary: Unpaid work term in the power house at the Mosaic solution potash mine in Belle Plaine, Saskatchewan. Participate in rounds, perform daily checks via control room readings, monitor electricity generation of steam turbine gen sets, monitor crystallizers on control room displays, blow down boilers, blow down air lines, assist in locking out and de-energizing equipment to prepare for repairs, assist in unlocking and recommissioning equipment after repairs, help locate gas line leak using soapy water, help respond to upset conditions to prevent plant shut down. Shadow operators while they oversee outside contractors. Accompany operators while performing checks on boilers, pressurized deaerators, vacuum deaerators, FD fans, ID fans, regenerative air heaters, steam turbine & generator sets, pressure letdown headers, pumps, heat exchangers, compressors, air dryers, hot water heaters, chemical injection pumps & headers, etc. Received walk through and overview of operation of the evaporation, wet end, and dry end areas.

August 2011-December 2015

Position: Wellsite Geologist

Company: *Opus Energy Consultants Inc.*

Summary: Worked as a geologist on site at drilling rigs to supervise the drilling of oil and gas wells throughout Alberta and Northern British Columbia. Collected data/made observations and worked with onsite drilling representatives in order to foresee any potential problems or complications that may arise during the course of drilling a well. Worked with geology and drilling team members in both the field and office to devise a course of action that will minimize delays/costs/problems and maximize future production from the finished well.

Duties: Oversee proper collection of drill cutting samples while drilling. Clean, examine, and log drill cutting samples (rock types and percentages, grain/crystal sizes, porosity, oil staining, fluorescence, accessory minerals, etc.). Ensure that samples are properly collected, labelled, and submitted to the client and/or any government agencies as required. Prepare daily striplogs and reports to update client on progress of the well. Prepare final reports at end of each well. Maintain communication with client to properly keep them informed of the situation on site. Monitor and interpret data from downhole and surface tools. Manage gas analyzer (perform preventative maintenance, trouble shoot and remedy any malfunctions that may arise). Oversee coring operations; pick proper core point based on samples and other available data to ensure that the entire interval of interest is contained in the core; watch collection of core at surface to ensure that the orientation of the core is not mixed up and that the core is properly labelled. Coordinate with wireline crews to ensure that downhole wireline logs are run using proper tools, over proper intervals, at proper resolution, etc. Supervise night shift geologist on site (review and possibly correct any sample descriptions and reports produced by cross shift, maintain good communication with cross shift to ensure that entire team is aware of any issues or incidents). Work with new geologist trainees to familiarize them with all on site operations including safety procedures/measures, general drilling rig function/operations, process of collecting drill cutting samples, well monitoring equipment and general knowledge of down hole tools. Work long hours, varying shifts and rotations.

June 2008-July 2011

Position: Geologist

Company: AREVA Resources Canada Inc.

Summary: Worked in both the field and office on a 14 and 14 rotation on an advanced uranium exploration project utilizing directional diamond drilling.

Duties: Lithological logging of sandstone and basement core. Basic and detailed geotechnical logging of core. Sample core for spectral clay and geochemical analysis. Utilize diamond drill hole mapping software to coordinate with drilling contractor in steering drill holes to subsurface targets. Conduct spectral clay analysis of core samples. Monitor workspace and follow safety guidelines when working with radioactive core in order to limit exposure to radiation. Package and ship radioactive and non-radioactive samples in accordance with TDG regulations. Conduct downhole wireline surveys of drill holes to measure radiation and hole orientation. Train/supervise geology summer students and contract geologists. Use DIPs computer program to interpret structural data collected from drill core. Compile collected data and manage project database. Write environmental and assessment reports on project activities.

June-Aug. 2007

Position: Geology Summer Student

Company: Wescan Goldfields Inc.

Summary: Took part in a summer soil sampling program.

Duties: Compile information from geochemical analysis results. Construct element distribution maps by hand. Run sample survey lines by use of compass and hip chain. Use GPS. Take soil samples. Record accurate and descriptive field notes. Take note of any interesting geology encountered in the field. Supervise sampling assistant. Prepare samples for shipment to lab.

Summer '05, '04, '02; August 2000-August 2001

Position: General Labourer/ Assembler

Company: Bourgault Industries

Duties: Assembly and pre-assembly of cultivators and other pieces of farm machinery. Read and interpret diagrams. Operate various pneumatic tools. Operate electric and diesel forklifts. Operate overhead hoist. Quality control. Touch up paint on cultivator frames. Operate sand blaster. Pick and package parts for shipping. Load and secure materials onto shipping containers for overseas transport. Train new employees. General maintenance of tools and work area.

May-Aug. 2003

Position: General Labourer/ Laser Operator

Company: Precision Profiles Plus

Duties: Program cutting laser. Load/unload laser. Operate electric and propane forklifts. Operate overhead hoist. Quality control. Buff and grind parts. Prepare parts for shipping. Assist in bending parts on break press. General maintenance of lasers and work area. Shift work.

Certificates & Awards

- Fourth Class Power Engineer Certificate
- Refrigeration Engineer Certificate
- Distinguished Student Award, Sask Polytech Power Engineering Technology Year 1
- Class 5 Saskatchewan Driver's License
- Standard First Aid and CPR 'B' Certification
- H2S Alive
- WHMIS certification.
- Transportation of Dangerous Goods Certification

References

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