

Kumash Patel

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SUMMARY OF QUALIFICATIONS

- Using Seismic Unix and shell scripting to process seismic lines.
- Using modern Web Development methods to create websites
- Familiarity with python libraries such as pandas, matplotlib, pyqt5 and Google cloud development suite.
- Experience in customer service and labor jobs acquired while working at Walmart, Amazon and others.

WORK EXPERIENCES

Earth Science Assistant, Canadian Rockies Earth Science Resource Centre, Canmore, Alberta
(June 2019 – August 2019 and July 2020 – October 2020)

- Created instructional documentation on the various software I installed and used
- Developed a tutorial website for the use of Seismic Unix using HTML, CSS and JS.
- Used Seismic Unix to process and QC seismic lines
- Maintenance and Creation of scripts that leverage various Google Cloud Platform based APIs.
- Installed and Operated Paradigm 18 software on a Red Hat machine for internal use.
- Generated Maps using IHS Accumap for producing final report on the Panther River Gas Field
- Gave personalized, guided tours of the CRESRC exhibits and performed front desk duties

Field Technician, OZA Inspections Ltd., Stoney Creek, Ontario (May 2016 – August 2016)

- Assessed and compiled a report on the extent of damage on various commercial and residential properties.
- Operated a seismograph in order to monitor the magnitude of vibrations from nearby construction equipment. In order to make sure they complied with city limits.
- Developed extensive communication skills by interviewing property owners.

Surveying Assistant, Schaeffer Dzaldov Bennet Ltd., Concord, Ontario (October 2015 - December 2015)

- Examined and measured the site with Total Stations and high precision GPS data collectors.
- Developed Communication skills by planning out how to approach the task at hand in a team of 2-3 people.
- Refined resource management from troubleshooting equipment failures and making sure there were enough materials in the truck to complete the day's work.
- Got Certified as a CN Railroad Contractor.

Renovator, JC Construction, Mississauga, Ontario, (June 2014 - August 2014)

- Developed decision making skills by collaborating with a team of four people to determine the best course of action for the given job.
- Examined the site using measuring tapes, used the data from the examination to create a layout of the changes that we planned to make to the site.
- Through market research and analytical thinking, estimated costs and the time needed to finish the project.

2nd Shift Stocker, Walmart, Waterloo, Ontario, (February 2017 – July 2017)

- Developed decision making skills by collaborating with a team of seven people to determine the best course of action for the given job in a high-pressure environment.
- Gained sales experience by customers find the specific products they are looking for in a timely fashion.
- Delegated tasks to team members in order to achieve the best results for the task at hand.

VOLUNTEERING

Volunteer Ambassador, PDAC, Toronto, Ontario (2015)

- Helped event goers with the new PDAC events app.
- Guided event goers to nearby exhibits, washrooms and other amenities.

Event Helper, Dhamal Masti Group, Mississauga, Ontario (Various events from 2012 – 2018)

- Helped organize and help with tasks at hand relating to crowd safety and the event agenda.
- Accommodated attendees by guiding them and providing relevant information about the festival.

EDUCATION

Full Stack Web Development Boot camp, Web Development

University of Toronto School of Continuing Studies, August 2020 – February 2021 (In Progress)

Candidate for Bachelor of Science, Earth Science, Geophysics Specialization Computing Technology Option

University of Waterloo, Waterloo, Ontario, September 2013 – April 2020 (Incomplete)

PROFESSIONAL DEVELOPMENT

- Google IT Support Specialization (August 2020)
- IHS Accumap Training Courses, *IHS Calgary (2019)*
- Multiple Programming Courses , *Udemy.com (Ongoing)*

Geophysical Industry Field Trip (GIFT), Calgary, AB, May 2019

- Gained experience using Geophysical Software such as Seisware and Rocdoc.
- Gained knowledge about the oil industry in Calgary and met various professionals.