

# Jeff Li

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## Junior-Level Geological Professional Profile

Recent Earth Sciences Honours graduate from Carleton University with technical and field work experience. Goal-driven and personable emerging professional that is fluent in English and Mandarin. Specializations in field sampling, mapping, lithology characterization, lab analysis of sediments and geophysical analysis. Has met the requirements and currently in the application process of Geoscientist in Training (G.I.T). Strong ability in communication, autonomous learning, cooperation. Work efficiently and logically in an organized way.

### Areas of Expertise

- Field Sampling
- Optical Mineralogy
- Geochemical Modelling
- Lithology ID & Characterization
- Isotope Dating
- Metamorphic Petrology
- Core Logging
- Geological Mapping
- Python Programming

### Professional Skills

Geotechnical Skills: Water Level Metre, Multi-parameter probes, Brunton Compass, GPS, Microbalance, Type T thermocouples, LabQuest loggers, Sample Grinding, Stereonet, Microscope, Rock Hammer

Computer Skills: Microsoft Office, ArcGIS, Python, VBA, R, Sedlog, AccuMap, PetroMod (Schlumberger), Inkscape, ImageJ, Minitab, QuickGrid, PHREEQC, AutoCAD, Photoshop, Mac OS, Windows

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## EDUCATION

**Bachelor of Science in Earth Science** | Carleton University, Ottawa, Ontario (2018)

Awards & Distinctions: J.P. Bickell Foundation Mining Scholarship

Coursework: Geochemical Modeling, Optical Mineralogy, Physical Hydrogeology, Geomatics, Geological Mapping, Mineral/Rock/Fossil ID, Isotope Dating, Seismic Data Analysis, Borehole Geophysical Data Analysis, CHNS Elemental Microanalysis

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## PROFESSIONAL EXPERIENCE

**RALLY CANADA RESOURCES LTD**, Calgary, Canada, (May – July 2017)

### Data Administrator/Field Assistant

- Worked on data collection, management and analysis using both programmed and manual methods.
- Built a database by using Excel to efficiently and conveniently search well information and log data of all active wells owned by Rally Canada Resources, Ltd.
- Collected information on active wells to complete a technical report and updated an internal database by visiting field sites as an assistant near Calgary Area.
- Catalogued, marked and digitized relevant papery logging reports and files for historical wells.
- Analyzed and managed Well Log data using AccuMap and AccuLog geological software such as well log correlations.
- Acquired essential information on wells owned by cooperated bankrupt company and collaborated with business partners and stakeholders on key project deliverables.

**GREENRIVER ENVIRONMENTAL PROTECTION ASSOCIATION, Chengdu, China, (July to August 2014)**

**Field Technician**

- Completed hydro-ecological monitoring and investigation including water level measurement by using water level metre and sample collection at the wildlife protection station upstream the Yangtze River in the Qinghai Province, China.
  - Collected meteorological data and developed weekly weather charts compiling air pressure, temperature, precipitation as well as wind speed and direction by using on-site instruments and GPS.
  - Recorded wildlife parameters including species, activity patterns and populations upstream the Yangtze River.
  - Applied the transect method to survey the local habitats, populations and ecosystem interactions of key organisms including the Tibetan antelope, Tibetan Gazelle, Tibetan wild donkey and wild yak.
  - Supervised and strategized the construction of an on-site station to monitor wildlife, climate and ecological parameters.
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**PROJECT EXPERIENCE**

**FIELD MAPPING PROJECT, Kaladar, Ontario, Canada, (April – May 2015)**

**Field Geologist**

- Completed a field geological mapping project, creating a 1km x 1km geological map of rock units and structures at Ore Chimney area.
- Interpreted the regional geological setting and history in the area based on the developed map and academic literature.
- The project relied on GPS, Brunton Compass and ArcGIS.

**BACHELOR'S HONOURS THESIS, Ottawa, Ontario, Canada, (September 2017 – April 2018)**

**Researcher**

- Completed honours thesis to qualify the potential of hydrocarbon resources in Ottawa Embayment Area.
  - It involved application of software PetroMod (*Schlumberger*), analysis and interpretation of well log data, lab sample preparation through various methods, loss on ignition analysis and CHNS Elemental Microanalysis.
  - Conducted laboratory procedures such as sample acidification, application of microbalance, CHNS Elemental Microanalysis, loss on ignition analysis, and sample powdering.
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**VOLUNTEER EXPERIENCE**

**JELLY BASKETBALL CAMP, Dongying, China, (July 2018 – August 2018)**

**Basketball Coach**

- Collaborated with professionals to develop teenagers in regional basketball tournaments.
  - Assisted Camp founders in advertising this program through social media and built a network of 1k follower.
  - Established individualized training regimens for students with varying skills and positions on the court.
  - Guided and encouraged students in the communication and teamwork skills required for a successful team.
  - Supervised the 4th-place Teen Provincial Basketball Tournament team.
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**CERTIFICATIONS & TRAINING**

- Ontario Driver's License Class G
- Standard First Aid and CPR C
- ArcGIS Desktop
- WHMIS Certification