

Naethen Parthiban

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I have recently completed my Bachelor in Geophysics at University of Saskatchewan. I am open to any opportunity in the geophysics field. I would like to be involved in the field, to be able to prepare for the project and working on the report after the project as well as learn different geophysical methods. I have experience in in the gravity survey, using the GNSS system and CG-5 autograv at Yukon and Ontario as well as IP pole-dipole survey using GDD 32x at Nunavut. As a fresh graduate, I want to increase my knowledge and gain more field experience. I am an international student from Malaysia and have applied for the post-graduation work permit (PGWP). While waiting for the work permit to be processed, I will be able to work right away as a full-time employee.

SUMMARY OF SKILLS

Information Management

- Utilized multiple software tools for the collection and management of information (Microsoft Office Suite, ArcGIS, ArcMap, C## programming, MATLAB, AUTOCAD, VISTA Seismic Processing, Inversion software, Oasis Montaj and learning COMSOL and QC Tool-gravity processing)

Geophysical Skills

- Operated Leica and Trimble Survey GNSS Equipment in the at Uranium City for Remediation Project and Thunder Bay, CG-5 Autograv, gravity and GDD instruments, IP survey
- Physical fitness - Able to carry an uncomfortable heavy backpack through thick bush or swamp
- Have the skills and with more training, able to trouble-shoot sensitive geophysical equipment
- Ability to work for long duration(weeks) and long hours everyday

Interpersonal Management/ Communication

- Achieve and perform task effectively in a deadline environment
- Leadership qualities – able to work independently and make informed field decisions
- Acts with honesty and professionalism with the highest ethical standards
- Excellent verbal and written communication skills, achieved an overall score of 8.5/9 for IELTS

EDUCATION

University of Saskatchewan

September 2012– December 2017

Major: Geophysics

Recent Awards: Ore Gangue Alumni Calgary 2017, KEGS (The Canadian Exploration Geophysical Society) FOUNDATION SCHOLARSHIP

Projects: Modeling seismic coda from local earthquakes (Thesis), Process and Interpret the Field-School Reflection Seismic Dataset using VISTA Seismic Processing

Sunway University, Malaysia

Program: American Degree Transfer Program, Transferred to University of Saskatchewan

WORK EXPERIENCE

Discovery Int'l Geophysics Inc.

Saskatoon, SK

Geophysics Assistant (Field Operator) – McKenzie Mountains, Yukon and Thunder Bay, Ontario

- Operate CG-5 Gravity meter at Yukon Mountains
- Navigating using GPS unit, map, compass, and air photo
- Operating GNSS- RTK equipment in the field (woods, swamps) at Thunder Bay
- Build a large-scale map of the project using ArcGIS used for discussion and planning before heading out to the field
- Support and demonstrate a positive, collaborative approach in working with internal and external colleagues

Aurora Geoscience

Yellowknife, NT

Geophysics Assistant (Field Operator) – Whale Cove, Nunavut

- POLE-DIPOLE IP survey - Operated field instrumentation, the highly sensitive GDD IP Receiver (models GRx8-32) and GDD IP Transmitters (models Tx4)
- Taking quality measurements and adhering to quality control standards
- Responsible for maintaining records of daily health and safety meetings and operate in a safe manner that meets all applicable regulations
- Understand the underlying geophysical principals of the technique in use (usually resistivity, induced polarization)

AREVA Resources Canada

Exploration Office, Saskatoon

Exploration Geophysicist Student (May 2016 – December 2016)

- Hired only for Summer but contract was extended to finish the project based on the evaluation
- My overall rating was ranked above peers and often delivers beyond solid results
- Organizing, preparing and scanning the maps that were surveyed in 1970-1980 of CLUFF LAKE
- Geo-referencing and building complicated grid lines (Too many local coordinates were used and are not mentioned, need to analyze and constantly reading survey reports of interest areas)
- Registering and digitizing all 50 various survey method maps
- Data quality control and resolving data quality issues (Maps are too old and some are missing)
- Made professional and effective presentations
- Submitted weekly progress reports to Chief Geophysicist and plans for the upcoming week

NUNA Logistics (NUNA LOGISTICS LIMITED)

Uranium City, Saskatchewan

Field Coordinator, Co-op Summer Student/ Surveyor 2015 (Remediation Project)

- Contract Administration – subcontract and material contract management
- Trend tracking – tracking of quantities, costs and progress curves
- Scheduling & Work plan development - Coordination between engineering and construction activities as well as maintaining the daily and monthly reports of working.
- Purchasing, expediting and coordination of materials (Quality Control & Quality Assurance)
- Land and Radiation surveying, quantity tracking and assisted in soil sampling and sieve analysis
- Safety – participation in daily safety tours and tool box meetings

VOLUNTEER EXPERIENCE**Canadian Cancer Society**

August 2012 – present

- Helped with fundraising events and campaigns (canvassing for donations)

Moral Education Project (Helping the Unfortunate) - Sunway

March 2011

- Motivated and assisted students at the refugee camp
- Collected donated clothing, food collection, books and money from students, staffs and lecturers at Sunway University

ACADEMIC AWARD, PARTICIPATION AND INTERNATIONAL RECOGNITION**-Canadian Institute of Mining Saskatoon Student Chapter**

2014 – present

- Engagement to meet any mining industry professional's business needs and career goals

-International Student Scholarship University of Saskatchewan

2015

- Entrance Scholarship (Sunway University)

2011

- Sunway University Student Council

2012

- Represented 50 student communities at Sunway University
- Recognized channel of communication between the students and the academic and administrative authorities of Sunway University

- ECHO Sunway Student Newsletter (Designer)

2012

- Gathered information from peers to write articles about certain festivals and events.
- Designed 4 magazine cover pages

REFERENCES

Brent Robertson
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