

**SUHAILA SALEHI**

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**Continuous learning and adaptable National University Graduate** with repertoire in general chemistry, laboratory and nuclear & geophysics instrumentation. Equipped with excellent organization and teamwork skills with exceptional analytical and research qualities. Known to be supportive, versatile and decisive in going beyond to master skills in making a positive contribution.

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**EDUCATION & CORE SUBJECTS**

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**Master of Science with Honours** (Engineering and Environmental Geophysics), National University of Malaysia, Bangi (2016) **CGPA: 3.39**

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| • Environmental Management System      | • Environmental Ethics                |
| • Engineering Geophysics               | • Environmental Geophysics            |
| • Geophysical Data Processing          | • Geophysical Data Interpretation     |
| • Instrumentation and Field Geophysics | • Hydrology and Contamination Process |

**Bachelor in Science with Honours** (Science Nuclear), National University of Malaysia, Bangi (2013)

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| • General Chemistry Laboratory    | • Laboratory Radiation Processing |
| • Applied Statistics              | • Workplace Communication         |
| • Modern Physics                  | • Industrial Safety               |
| • Nuclear Instrumentation         | • Radiobiology                    |
| • Nuclear Technology for Industry | • Atomic Physics                  |

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**FINAL YEAR PROJECT**

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*Determine the concentration of natural radionuclides and the content of selected elements in Bukit Fraser, Pahang.*

- Conducted extensive reading and analysing of 39 references materials while setup specific deadlines for specific tasks.
- Generate map of the surveyed area with ArcMap
- Surveyed data taken and analysed using the selected equipment. (Geiger-Muller and Scintillation detector)
- Provided the risk of natural radiation exposed to the people in Bukit Fraser.

*Determine the concentration of natural radionuclides, radon and the content of selected elements in the indoor hot spring in Malaysia.*

- Conducted extensive reading and analysing of 28 reference materials while setup specific deadlines for a specific tasks.
- Managed and personally met up with the site management staffs and handled the paperwork related to the procedure in obtaining the permission to use the area.
- Collected and analysed sample taken from the site with the selected equipment. (Mass Spectrometer, Digital Thermometer and Radon Monitor)
- Provided the risk of lung cancer within the indoor hot spring is lower than the inside the house.

## **EXTRA-CURRICULAR ACTIVITIES**

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### **Secretary, Hari Keluarga Kelab Sains Nuklear** 2012

- Supported the Event Leader and also other members in handling and managing the event.
- Organized and provided the tentative programs for the lecturers, staffs and students.
- Assisted in designing the souvenirs with an event member for the guests of the event.
- Analysed and wrote the final report consisting on the discussions, meeting and summary of the project's budget flow.

### **Project Manager in Publicity, Karnival Premier Za'ba** 2011

- Designed the banners, posters, backdrop and nametags for the event.
- Engaged with the printing dealers on the cost, time and quality of the products.
- Calculated and organized reports on the cash flow.

## **WORK EXPERIENCE**

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### **Malaysian Institute of Nuclear Technology (MINT)** July 2013 – September 2013 Project Researcher (Internship)

- Worked closely with the supervisor on the project in determine the baseline data.
- Involved in the safety and management briefing within the reactor area to ensure clear understanding of rules.
- Managed and handled the research staffs on the equipment's paperwork accordingly.
- Collaborated with a student researcher while calculated and presented the sample data.

## **SKILLS & STRENGTHS**

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### **Communication, Analytical & Research skills:**

Able to conduct effective research project with the supervisor and a student researcher on the project in determine the baseline data during internship.

### **Organization skills:**

Arranged specific deadline for the tasks at hand to complete the final year project (thesis) successfully.

### **Teamwork skills:**

Supported and assisted the Event leader and other event members in handling and manage the Hari Keluarga Kelab Sains Nuklear 2012 successfully.

### **IT skills:**

MS Words, MS Excel, MS PowerPoint, MINITAB (Basic), Adobe Photoshop, Adobe Illustrator (Basic).

## LANGUAGES

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**English:** Fair

**Malay:** Excellent

## REFERENCES

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Nur Raihan bt Roslan, Project Engineer, Metrosphere Tersat Hydro Sdn Bhd, 019- 391 4205  
Prof. Dr. Abdul Rahim Samsudin, Lecturer, Universiti Kebangsaan Malaysia, 013- 333 1441  
Mr. Suhaimi Abd Jalil, Lecturer, Matriculation College Penang, 019-575 1285

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