

RAKAN ABUSOUD

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322 Brock St. Apt # 211, Kingston, ON, K7L 1S9

SKILLS & STRENGTHS

- Adept Microsoft Office experience in presentations and formal engineering reports (Word, Excel, PowerPoint)
- Basic Project Management software skills including SharePoint, Primavera 6 Microsoft Project and Visio
- Basic Programming, used in solving complex mathematical, statics, geotechnical and hydraulic problems (Maple, Matlab, SAP2000, GeoStudio, ModFlow)
- Ability to work under pressured deadlines, excellent analytical, decision-making and problem solving skills, which I had learned through my heavy course loads and various projects whether engineering or non-engineering
- Various team oriented and individual projects and tasks, developed my capability to work independently as efficiently as with a team
- Methodical tasks arrangement by prioritization; proactive and self initiative work ethic
- Trilingual (English, Arabic and basic Spanish), logical thinker and self-reliant
- Interpersonal and teamwork skills proficiency
- Refined from perpetually working on several projects simultaneously, either at university or from my work experience last summer; moreover I possess a great ability in learning quickly, adapting to new and different atmospheres both socially and physically

EDUCATION

Bachelors of Civil Engineering (BSCE)

Sept 2006– April 2010

Queen's University Kingston, ON, Canada

- Thus far, has involved participation in several practical civil engineering competitions and projects, including:
 - 3rd place for 8 ft long bridge building competition and 2nd place out of 12 for strongest concrete mix competition which was tested for compressive and tensile strength.
 - Project in improving waste reduction at Hospital Dieu in Kingston.
 - Intensive study of Lake Ontario's water for E.Coli bacteria presence.
 - Subdivision development project; designing and planning efficient and safe water well and septic tank locations for Seeley's Bay area.
 - Life Cycle design of a water transfer pipeline, focusing on cost and environmental impacts
 - Critical wave uprush study of the Thousand Islands Region (Report and Present)
 - Individual critical review of Biomass to Ethanol Conversion (Report and Present)
- Workplace Hazardous Materials Information System (WHMIS) certificate

EXPERIENCE

Engineering Intern (PMO)

May – July 2009

MWH Global Inc.

Vancouver, BC

- Assisted Engineers in creation of drawings and specifications
- Updated contract technical specifications to latest UFGS format
- Basic Plan/Progress Chart production for scheduling/follow up practices

- Contacted vendors, project managers for information and deliverables
- Risk Register production and updating
- Primavera 6, input/update WBS data for different projects and sub-projects
- SharePoint File Database production for deliverables sharing and accessibility
- Workflow production from hardcopies using Microsoft Visio
- Conducted environmental remediation fieldwork at various sites under supervision
- Environmental assessment for sound pollution by excavation site
- Soil testing for potential contaminant contents and LEL measurements of soil and atmosphere
- Successfully completed BC Hydro Work Protection Practices (WPP) safety training course

Summer Intern

May – August 2008

Muthalath Foundation for Contracting

Amman, Jordan

- Worked under the tutelage of a Project Manager in a Civil Engineering job-mentoring program.
- Completed clerical tasks including ordering construction materials and assisting the project manager in general.
- Worked on three projects i) Rehabilitation and upgrading of a wastewater treatment plant site that would serve 105,000 people. ii) Rehabilitation of a water network. iii) Building sewer trunk lines to serve a future developed urban area. A certificate with more details can be provided upon demand.
- This experience gained me a broad exposure to several civil engineering fields. Including calculations of excavation expenses for pipelines; cement pipe factory site visit and testing. Learned a lot about everyday dialogue protocols when communicating or liaising with different people and professional positions on and off the worksite.

Co-President

September 2009 – April 2010

Water and Environment Association of Ontario (WEAO): Queen's Chapter

- Involves setting up events, trips, seminars and guest speakers from the industry. Managing the executive team and delegating work for different activities within the club. Contact members, professors and field representatives to arrange seminar and career fair opportunities for student members.

Member

September 2008 – April 2009

Water and Environment Association of Ontario (WEAO): Queen's Chapter

- Participated at events, seminars as well as frequent visits to nearby wastewater treatment plants and environmental facilities. Following one year as an active WEAO member, my interest, involvement and proven track record advanced my position to Co-president of the 2010 Executive Team.

Member

September 2008 – April 2009

Queen's Project on International Development (QPID)

- Queen's Project on International Development is an organization that aims to aware and act on developmental issues. Frequently attended forums and events that help related causes. They focus on issues such as sustainability, AIDS, Solar Energy, Global Warming and many environmental-related topics as well.

EXTRACURRICULAR ACTIVITIES

- Jujitsu and past experiences in Taekwondo and Equestrianism
 - My interest in martial arts extends beyond the mere acquisition of self-defense skills, to the concentrative and disciplinary aspects