

# Khalid El-Darymli

Legally Entitled to Permanently Work in Canada

Ⓜ: <http://Eldarymli.ScienceOnTheWeb.net>

## Contact Details

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## Career Objective

Committed, goal-oriented and enthusiastic individual, with Bachelor of Science (**B.Sc.**) in **Electrical Engineering** as well as Master of Science (**M.Sc.**) in **Computer Engineering**. Currently seeking an entry-level career opportunity to put my technical field experience to work within the Oil & Gas Industry

## Affiliation

**APEGGA**: Member in Training (**MIT**). Membership No.:**M97120** (Application is under process)

**PEG NL**: Engineer in Training (**EIT**). Application is being accepted

**IQAS**: Received the accreditation of the International Qualifications and Assessment Service, Edmonton - Alberta

## Working Attributes

- Dedicated individual who enjoys the challenge of seeing projects through from inception to completion
- Keen attention-to-detail skills ensuring high quality work
- Continuous learner, who quickly adapts to varying professional environments and implements internal policies and procedures effectively
- Demonstrate strengths in leadership skills used to positively motivate co-workers when making and implementing sound decisions in a timely manner
- Additional communication competencies have been used to instruct students, prepare and present Engineering material to members of the general public

## Relevant Employment History

### Safety Watch

2008-Present

United Safety Ltd.

Various locations, AB & BC

- Passed Drug and Alcohol Test as well as Physical Demand Test; and comprehensive training
- Monitor the activities of maintenance workers during plant maintenance and turnaround projects throughout Alberta and British Columbia
- Confined Space Monitor, Fire Watch, Area Monitor, Bottle Watch, Gas Testing, Breathing Air Packs, Radio Communication, and Maintain Accurate Documentation

### Technical Support Executive

2006 – 2007

Nokia

Kuala Lumpur, Malaysia

- Trouble-shoot and provide technical advice and support to clients via the telephone or email format in order to resolve issues regarding cell phones and business software
- Place and emphasis on efficient and timely service in either English or Arabic languages

### Telecommunications Lab Demonstrator

2003 – 2006

International Islamic University Malaysia

Kuala Lumpur, Malaysia

- Responsible for the demonstration of both the Digital and Analog Communications Lab for post-secondary graduate students in the Electrical & Computer Engineering Departments

### Instructor

2001 – 2003

Alnebras (Beacon) Institute

Benghazi, Libya

- Instruct post-secondary students in the areas of: circuit analysis, electronic circuits, linear algebra, C language and assembly language

## Other Employment History

### Interpreter / Translator

2007 – 2008

Various Organizations

St. John's, Newfoundland Labrador

- Worked and volunteered as an interpreter and translator for various Canadian organizations including: Association for New Canadians, Legal Aid Commission, Eastern Health, Canada Board and others

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## Professional Presentations & Publications

### Reliability Modeling of Wireless Sensor Networks for Oil and Gas Pipelines Monitoring

- Paper is submitted to a professional engineering journal titled, "IEEE Transactions on Reliability"
- Main author. The paper is jointly co-authored with two professional engineers (P.Eng.) from Memorial University of Newfoundland, Canada

### Automated Speech to Text System (ASTS) – ICT4M International Conference, Hilton Hotel, Kuala Lumpur, Malaysia

- Main author and presenter. This conference paper is jointly co-authored with two professional engineers and presented at an international conference

### Speech to Sign Language Translator System – International Conference on Communications & Electronics, Hanoi, Vietnam

### Speech to American Sign Language Interpreter System – IEEE International Conference Prince Hotel & Residence, Kuala Lumpur, Malaysia

- Main author and presenter. The paper is jointly co-authored with two professional engineers and presented at an international conference

## Formal Education

### PhD Candidate– Electrical Engineering

2007-Present

Memorial University of Newfoundland

St. John's, NL, Canada

- Received highest academic standing with a grade of 92% (CGPA: 4 out of 4)
- Graduate courses completed include: Reliability Engineering as well as Safety and Risk Engineering
- Successfully completed the Graduate Research Integrity Program (GRIP)
- Currently on a leave-of-absence

### Master of Science – Computer Engineering

2006

International Islamic University of Malaysia

Kuala Lumpur, Malaysia

- Final Cumulative GPA 3.9
- Graduate-level courses completed are: "Optical Communications and Signal Processing", "Computer and Communication Networks", "Network Security", "Advanced Operating Systems", "Distributed Multimedia Systems", "Values, Technology and Society"; as well as various seminars
- Successfully completed the Master's dissertation in the one year stipulated duration and passed the oral defense exam (Viva Voce) with distinction.
- Examiners' committee comprised of an internal examiner (professor) and an external examiner (professor) from the industry

### Bachelor of Science – Electrical Engineering

2001

University of Garyounis

Benghazi, Libya

- Major study curricula include: "Logic Design", "Differential Equations", "Linear Algebra", "Numerical Analysis", "Signals and Linear Systems", "Electrical Measurements", "Electromechanical Energy Conversion", "Advanced Electric Circuits", "Advanced Electronic Circuits", "Power Systems Analysis", "Advanced Electromagnetics", "Microwaves", "Engineering Economy", "Power Electronics", "Integrated Electronics", "Material Science", "Advanced Telecommunications", "Pulse and Digital Circuits", "Microprocessors and Applications", "Control Systems", "Laboratories", "Other Courses", "Work Terms and Seminars", "Final Graduation Projects I and II"

## Certificates & Training

### Clean Class 5 Alberta Driver's License

Certification: WHMIS, Canadian Red Cross Standard 1<sup>st</sup> Aid/CPR, H2S Alive, PST & TDG, expires 2011

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## Technical Skills

- Experienced and trained in the use of C/C++, BASIC and Assembly programming languages
- Utilize Matlab program to analyze engineering tasks efficiently
- Trained in the use of Workbench software for task simulation purposes of electronic circuitry
- Proficient in the use of all MS Office systems as well as site-specific programs
- Contribute in a positive manner to a highly effective team work environment as well as being able to maintain optimal productivity when working independently

## Professional Research

**Reliability Modeling of WSN for Pipeline Monitoring** – Memorial University of Newfoundland (Term Project)

**Speech to American Sign Language Interpreter System** – International Islamic University Malaysia (Master Dissertation)

**Photovoltaic-Powered Water Pumping System** – University of Garyounis (Final Graduation Project)

## Commendations and Honors

**Graduate Fellowship of Memorial University** – Faculty of Engineering, Memorial University of Newfoundland, Canada

**Engineering Research Bronze Medal** – Malaysian Inter-universities Competition

**Rector's Fellowship** – International Islamic University, Malaysia

**Graduate Scholarship** – Islamic Development Bank

## Languages

**English**      Fluent (Reading, Writing, Speaking and Listening)

**Arabic**      Fluent (Reading, Writing, Speaking and Listening)

**Turkish**      Basic

**Malay**      Basic

## Extra-Curricular Activities

**Voluntary Work**      Translation, Interpretation, teaching & participation in conference organization

**Sports**      Jogging, swimming and tennis

**Travelling**      Enjoy travelling and discovering new places and cultures

**Internet**      Designed personal website: <http://Eldarymli.ScienceOnTheWeb.net>

## References

References will be made available at the time of interview or upon request