**AFNAN ELIYAN**

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**SUMMARY 1**

* I am Industrial and Systems Engineer, graduated in June 2015, from Qatar University.
* I took Project Engineering, Quality Control, Quality Management, Supply Chain Management and I achieved in them the top marks.
* I published two papers and presented a paper with Dr. Fatih Mutlu and Hamsa Delghan in Dubai in March 2015.
* I am recipient of His Highness Prince of Qatar Scholarship for Academic Excellence since 2010.
* I received several awards and scholarships, as explained below in my resume.
* I was a participant and worked as a volunteer organizer in many student and technical events in Qatar.
* I am a member in Society of Petroleum Engineers since 2011.

**EDU C ATION**

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| *Masters* | *Engineering Management* **Qatar University** (Candidate) | 2015/17 |
| *BSc* | *Industrial Engineering* **Qatar University** GPA: 3.74/4 (Distinguished Honors) | June, 2015 |

**WORK & VOLUNTEERING**

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| * Volunteer Tutor, Department of Mechanical and Industrial Engineering, ***Qatar University***   ***Teaching:*** Calculus I, II, and III, and Physics | 2012/2015 |
| * New students orientation organizer, ***Qatar University*** | 2011/2013 |
| * Helper (students to register), Registration Department, ***Qatar University*** | 2013/2015 |
| * Seasonal Volunteer, ***Qatar Diabetes Association*** * ***Trainee*** at Plant Infrastructure Department in Qatalum Smelter***.*** | 2013  2015 |

**AWARDS**

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| * **His Highness Prince of Qatar Scholarship for Academic Excellence** | 2010/15 |
| * Vice-President and Chief Academic Officer List | 2010,11,12,13,14 |
| * The Dean’s List | 2010,11,12,13,14,15 |
| * Undergraduate paper competition award in Industrial Engineering and Operations | 2015  2015 |
| Management society conference (IEOM 2015).   * The third place for Senior Design Contest under the college of engineering in Qatar University. |

**JOURNAL PAPER**

# [Bener](http://www.sciencedirect.com/science/article/pii/S1871402114000824),A. , [Kim](http://www.sciencedirect.com/science/article/pii/S1871402114000824), E., [Mutlu](http://www.sciencedirect.com/science/article/pii/S1871402114000824),F., [Eliyan](http://www.sciencedirect.com/science/article/pii/S1871402114000824),A., [Delghan](http://www.sciencedirect.com/science/article/pii/S1871402114000824).H., [Nofal](http://www.sciencedirect.com/science/article/pii/S1871402114000824),E., Shalabi, L., [Wadi,](http://www.sciencedirect.com/science/article/pii/S1871402114000824) N., 2014, “[Burden of diabetes mellitus attributable to demographic levels in Qatar: An emerging public health problem](http://www.researchgate.net/publication/268750442_Burden_of_diabetes_mellitus_attributable_to_demographic_levels_in_Qatar_An_emerging_public_health_problem)”, *Diabetes & Metabolic Syndrome: Clinical Research & Reviews,* October–December 2014

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**CONFERENCE PRESENTATION**

**Eliyan A.**, Delghan, H., Mutlu, F., 2015, “The Impact Of Production Scheduling Policies And Buffer Zone Size In Process Synchronization”, Industrial Engineering & Operations Management. March 3-5, 2015 Dubai, UAE.

**PROJECT PROPOSALS**

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| --- | --- |
| * Estimating the burden of disease attributable to diabetes mellitus and its economic in Qatar.   (Award Tech. Completed). | 2014 |
| * Process synchronization through push-pull boundary buffers: An application in metallurgical industries. (Award Tech. Completed). | 2014/15 |
| * **Discrete event systems simulation based decision support systems for upstream LNG delivery.**   **UREP17-015-2-006 (Awarded).** | 2015 |

**SOFTWARE SKILLS**

* Software: AutoCAD, ARENA, CNC Simulator, Microsoft Office (Word, Power Point, Excel) . MATLAB and Multisim, for numerical methods programming and modeling.
* Programming Languages: C++.
* Systems: Mac OS, Windows.

**Personal Quality**

* Dedicated and determined.
* Effective communication skills.
* Effective writing skills.
* Ability to quickly grasp new concepts.
* Work in a multidisciplinary teams

**WORKSHOP**

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| --- | --- |
| * Six Sigma for Global Competitiveness | 2014 |

**OUTSIDE INTERESTS**

Swimming, travelling, and reading

**REFERENCES**

* Dr. Fatih Mutlu, Assistant Professor, Department of Mech. & Industrial System Engineering, College of Engineering, Qatar University. E-mail: [fatihmutlu@qu.edu.qa](mailto:fatihmutlu@qu.edu.qa), +974 403 4326.
* Dr. Shaligram Pokharel, Professor, Department of Mech. & Industrial System Engineering, College of Engineering, Qatar University. Email: [shaligram@qu.edu.qa](mailto:shaligram@qu.edu.qa).
* Eng. Mohammad Al Rashdan, Senior Plant Infrastructure Engineer, Plant Infrastructure Department, Qatalum. Email: [mohammad.alrashdan@qatalum.com](mailto:mohammad.alrashdan@qatalum.com)