


# Jehad Alsaif

Mechanical Engineer

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Motivated Mechanical Engineer with Master of Applied Science (MAsc) degree in engineering and with a professional experience of more than 3 years, aiming for career development in a Mechanical Engineering position that enables the use of the outstanding technical, organizational, leadership and management skills.

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## Skills

- Excellent English & Arabic communication skills
- Capable of multitasking efficiently to meet deadlines
- Outstanding problem-solving skills
- Team player and strong ability to work autonomously as well
- Excellent hands-on skills
- Well understanding of the local and international engineering codes
- Excellent user of **REVIT**
- Experienced in Computer Aided Design software (**AutoCAD, SolidWorks**)
- Good user of **HAP** for HVAC heat load calculation.
- Excellent in **FireElite** for Fire Fighting Suppression System Hydraulic Calculation
- Professional in **Microsoft Office** including (Excel, Word, Outlook & PowerPoint)

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## Education

**Master of Applied Science in Mechanical Engineering-** University of Victoria, Canada. August 2017

GPA: 3.26 out of 4

**Bachelor of Science in Mechanical Engineering –** University of Ha'il, KSA

GPA: 3.21 out of 4, Third Honor

May 2013

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## Experience

NOV. 2018 – PRESENT

**Mechanical Engineer-** Fahd Alireza Engineering Consultant, Saudi Arabia

- Acting lead of Mechanical Department.
- Modeling Mechanical systems in REVIT, i.e. Fire Suppression and Plumbing Systems.
- Preparation of Design Basis/Analysis Reports.
- Preparation of Fire Suppression system Hydraulic Calculation and Plumbing Calculation Reports.
- Water demand estimation, pressure requirement and equipment selection.
- Quality Check (QC) of Mechanical Deliverables.
- Represented Mechanical department for comments close outs and technical queries response.

SEP. 2015 – DEC. 2015 & SEP. 2016 – DEC. 2016

**Teaching Assistant-** University of Victoria, Canada

- Exams, lap reports and assignments marking.
- TA for the Heat Transfer course in mechanical engineering department.
- Conducted the labs and improved communication between students.

- Analyzed and showed the variation of percentage of errors in experiments and theory.
- Motivated students and brought enjoyment in the work.

JUN. 2013 – JAN. 2014

### **Mechanical Engineer- Hail Cement Company, Saudi Arabia**

- Lead a group of mechanical technician trainees.
- Performed maintenance plans and tasks for the plant equipment and parts during a complete shutdown of the factory.
- Issuance and monitoring the maintenance tasks and plans of the plant machineries.

### **Projects List**

- SABIC Emergency Response Academy (SERA).
- RC JTI Development 028-C30.
- RC JTI Development Ph-06 028-C51.
- RC City Center Shoreline Development 510-C50.
- RC/ SABIC Fringe Park.
- Rezayat Co. Warehouse in RC Yanbu.
- SDHO Pump Station Modeling Project – PM.
- RC Almarjan Guest House A-T-0087 T-12.
- RC Yanbu HOP8 A-T-0087 T-13.
- RC Temporary Horse Track 021-C13.
- RC Jazan Head Quarter F-7024.
- RC Jazan Cultural Center F-7025.
- RC Jazan Operation & Maintenance Department Building & Warehouse F-7026
- SASCO HQ Design Review.

### **Certifications and Memberships**

- Saudi Council of Engineers (SCE), Membership# 431108, since **DEC. 2018**
- Communication in the Workplace Course: Strategies for Success, **APR. 2019**
- Cross-Cultural Communication Skills, **MAR.2019**
- ISO14001:2015 & ISO45001:2018 Understanding, **FEB. 2019**
- Diploma in Career Advancement, Shaw Academy, **JUL. 2016**
- Leadership Modules, Camosun College, **JAN. 2016**
- Time Management, Hail Cement Company, **JUL. 2013**

### **Publications, Research and Conferences**

- MAsC thesis: *“Parametric Studies of Field-Directed Nanowire Chaining for Transparent Electrodes”*
- BSc project: *“The Variation of the Ready Mix Concrete Samples and How to Improve its Quality”*
- Sam, Mahshid, Jehad Alsaif, and Rustom B. Bhiladvala. "P58: Fabrication of Flexible Transparent Electrodes by Using Field-Assisted Nanowire Chaining." SID Symposium Digest of Technical Papers. Vol. 48. No. 1. 2017.
- Fourth National Quality Conference held at the University of Hail.
- Quality Management System ISO 9001, and Organization Leadership workshop.
- Center for Advanced Material and Related Technology (CAMTEC) Nanofabrication workshop.

### **References are available upon request**