Mohamad Al Zein

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SUMMARY

Experience and skills in process improvement, systems engineering, and six sigma with lean six sigma black belt under my belt. Experience in data analysis and statistics using Minitab, Excel, and SQL. SPC and design of experiments skills. Project and risk management skills and experience with hands on projects. Looking for challenging job opportunities in quality control, six sigma, systems engineering, data analysis, or project and risk management.

EDUCATION

Lean Six sigma black Belt   December 2022

Arizona State University, Tempe, AZ
- Streamlining business processes to decrease the time, cost, and increase the quality
- Leaning various processes and applying the lean principles: Establishing flow and pull systems; Kanban systems; DMAIC step by step application; Stage-Gate processes; PDCA; lean management; Kaizen; DOE; Capability Analysis; Acceptance sampling.
- Statistical Process Controls (SPC); Minitab to monitor processes; process capability analysis; total quality management; value stream mapping using IDEF0, IDEF1, and Edrawmax

Meng, Engineering Management   Graduating December 2022

Arizona State University, Tempe, AZ   GPA: 4
   Abdullah Al Ghurair Foundation for Education fully funded scholarship award
Relevant Coursework: Project management, Risk Management, Web-enabled decision support systems, Enterprise modeling, financial engineering, Advanced quality control, Reliability Engineering, Six sigma methodology, Design of Experiments, Six Sigma Capstone (Big Lean Six Sigma project)

B. E, Petroleum Engineering   June 2020

Beirut Arab University, Debbieh, Lebanon   GPA:3.15
Relevant Coursework: Reservoir engineering, characterization, and simulation. Drilling technology, well logging, reservoir fluids, petroleum production technology, well testing, natural gas production engineering. Hydraulic fracturing, reservoir Simulation Lab (Eclipse, RE studio, Petrel)

TECHNICAL SKILLS

Data Analysis and Statistics: MySQL, PopSQL, **Minitab**, **Microsoft Excel**
Programming: Python, C++, MATLAB
Project management: Microsoft Project, Primavera
Design and Modeling tools: Edrawmax, expert in Microsoft office suit, AutoCAD
Certifications: IC3 digital literacy, AHA first aid training, Prosper, GAP, and MBAL software, Techlog Software, IWCF certificate
Languages: Arabic: Native | English: Fluent

PROFESSIONAL EXPERIENCE

Village Book Builders, USA: Program Manager/coordinator   July 2021- Present
- Managing 40 mentors and pairing them up with mentees, establishing communication and leadership skills.
- Ensuring 100% attendance on both sides by guaranteeing satisfaction of both parties (Long term relationship)
- Working with the program director to change the lives of Maragoli, Kenya students by decreasing the illiteracy % in the village below 50% | Reporting to the program director about the progress each week
- Expert use of Excel to manage the program | Relationship management skills and openness to feedback

Cryptocurrency Financial Analyst   April 2021- Present
- Technical and Fundamental analysis/ Researching ICO's/ Long-term investments/ Day trading/ Black Scholes/ Options, futures, swaps, and option pricing/ Stock market analysis.

Al Zein Supermarket, Lebanon: Salesman   June 2015 - Present
Excellent selling, negotiation, and communication skills | Establish, develop, and maintain positive business and customer relationships | Analyze the territory/market's potential, track sales, and status reports

Petroleum academy, Egypt: wellbore analyst (Prosper, TECHLOG)   June 2020 – December 2020
- Performed analysis of rock properties using Techlog software and well testing using Prosper software

Zahrani Refinery, Lebanon: Petroleum Fluids Lab Analyst Intern   June 2019 – December 2019
- Tested all properties including cloud point and pour point of the petroleum fluids (Kerosene, gasoline, gas oil, etc.)

ACADEMIC PROJECTS

Installing a lawn sprinkler   Spring 2021
Led a team to install a lawn sprinkler in a backyard within 42 hours
- Scheduled the project through WBS, PERT, and Gantt charts using Primavera and MS Project.
- Following constraints, KPI's, accounting for project risk management and ensuring customer satisfaction.

Streamlining a corrugated board manufacturing process   Summer 2021
Led a team to lean a process and eliminate waste:
- Results: 32% decrease in time, 6.5% decrease in cost, 12.5% increase in quality. IDEF0, inventory elimination, establishing a Kanban pull system. Achieved operational excellence through a flow process.
- Recognized by the professor as "Best Presentation" out of 15 teams.

Enhancing the additives of drilling fluids   Spring 2020
Led a team to create a new additive of drilling fluids.
- Created a mixture between hematite and barite where we managed to increase the viscosity to 20 API to be able to carry the cuttings out of the wellbore.
- used the 6-fan viscometer, PH meter, Mud balance with expertise