

Abdirahman Ali

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Detail-oriented individual with strong educational background in designing technical projects, supporting education system, followed by field research and educational work experience in design project, manufacturing experience with proven performance in operating manual, automated equipment and software programs, Skilled CAD Drafter with high speed and accuracy. Driven by result, known as consistent team player with strong work ethic and technical abilities.

SKILLS

Microsoft Office suite Windows and Macintosh operating system, Bilingual, fluid mechanics, creative problem solving, networks, routers, switches, Autodesk, cloud computing characteristics, AutoCAD, Geology, Remote sensing, Statics, engineering dynamics, Mathematics, professional development, performance optimization, leadership, calculations, engineering and critical thinking

WORK EXPERIENCE

Manufacturing Operator-Entegris-Bloomington, MN - October 2017- Present

- Verifies product visually and takes corrective action when necessary. Ensures product is consistent with established specifications. Escalates quality issues as appropriate, Ensures highest possible product quality and adherence to the Entegris quality system, ISO and/or other standards. Ensures all products are packaged per packaging specifications.
- Performs various operations on the product in accordance with the work orders and information instructions. Finalizes all required paperwork thoroughly and timely
- Integrates on all key business processes to influence customer satisfaction, waste elimination, growth, cost effectiveness and product/system quality. Promotes and implements use of continuous improvement tools to eliminate non-value activities. Participates actively in continuous improvement activities such as 6s, Kaizen events, etc.
- Completes miscellaneous tasks as assigned in support of the larger organization and production goals.
- Maintains a clean and safe work area. Wears required Personal Protective Equipment. Performs duties in a safe manner and observes approved safety procedures. Communicates potential hazards immediately to supervisor.

Manufacturing Operator-Kelly Services - Edina, MN - July 2016 to October 2017

- Manufacturing operator role is essential in the production of membranes and water filtration elements to be used in liquid separation systems
- The operator role consists of operating plant equipment and performing operations related to activities as outlined by documented operating procedures
- Utilizes manufacturing knowledge and experience to operate the plant in safe and optimal manner
- Able and willing to effectively communicate, share information, resolve issues, give and

receive both positive and critical feedback in a respectful and professional manner, then move forward to meet business and customer demand

- Independently motivated to work with others and maintain productivity even in times of change
- Willing to learn and successfully operate various mechanical machines, both manual and highly automated equipment
- Have good technical skills to learn and grow, keeping current with new automation and technology operating both mechanical lift equipment and computer software programs

Support Staff-Minneapolis Public School - Minneapolis, MN - January 2016 to June 2017

- Provided support services to all students and assist Minneapolis public school staff to facilitate educational functions and other services that maintains a safe and productive learning environment, sensitive to the needs and legal rights of students, contribute to continuous improvement
- Supported students in learning processes through reinforcement of positive behavior, individual instruction and good communications, worked with parents and school staff to maintain up to date communication, handled schedule, attendance, and student grade progress
- Performed administrative duties such as record keeping, copying, filing, faxing, scanning, data entry and maintaining the integrity of document control system, working engineering club, monitor the base lab
- Monitored student activities, promoted respect, explained social norms and disciplinary consequences, de-escalate personal confrontations, mentored and tutored students
- Maintained behavior documentation, written observations, monitored work, corrected papers and transition students for medications, meals, buses, and classes, coordinated field-trips

Computer Lab Technician

Minneapolis Community & Tech. College - Minneapolis, MN - August 2008 to August 2012

- Performed daily operation and maintenance of learning center computer lab
- Troubleshoot Microsoft operating systems and networks on computers
- Installed and upgraded computer software and hardware to ensure availability of working computers
- Monitor the computer lab and assist student with computer daily usage
- Identified and solved computer problems, resulting in more efficient and effective products
- Performed hardware and software troubleshooting, configuration, and imaging computers

RESEARCH EXPERIENCE

Design Project-New Mexico Tech - Socorro, NM - August 2014 to May 2015

- Reservoir Evaluation: The primary objectives were to estimate hydrocarbon volume and assess recoverable reserves
- Data acquisition: obtained production, completion, and log data of given wells from online data storage
- Geologic analysis: Identified reservoir type, created map of the interested area, and

generated log correlation of the wells to determine the reservoir formation characteristics

- Production analysis: Performed data, decline curve analysis using Fekete software to predict future production based on the past production history
- Developed drilling plan and economic spreadsheet to determine project feasibility
- Played key role in designing a new well that resulted in successful team work, conducted a research study that led possible future development
- Managed a cross-functional reliability team that reduced project failures and coordinated with each team member to insure project progress
- Performed detailed calculations to establish oil in place, recoverable factor and remaining oil while maintaining high accuracy rate

EDUCATION

Bachelor of Science in Petroleum and Natural Gas Engineering

New Mexico Institute of Mining and Technology - Socorro, NM May 2015

INTERESTS: Reading technical articles, engineering, going to gym, playing soccer, take time with my family **CERTIFICATIONS:** AutoCAD 2017 fundamentals, Cloud computing network association

ADDITIONAL INFORMATION: After school activity supervisor, student organization meeting facilitator, volunteered in assisting low income families with tax preparation, mentor of Somali society of engineering, the ambassador of New Mexico Tech transfer students, indoor soccer team club captain