

Ibrahim Ahmed Ahmed Gawish

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Personal Information:

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Education and Qualifications:

- Studying Masters in Earth Science and Engineering at King Abdullah University for Science and Technology (KAUST), Computational Transport Phenomena Laboratory (CTPL), Saudi Arabia, September 2012 – Present. Current GPA (3.89/4.00).
- Bachelor's degree in Petroleum & Natural Gas Engineering with First degree Honors from King Saud University, Saudi Arabia, September 2007 – June 2012. GPA : (5.00/5.00) Distinction.
- International English Language Testing System (IELTS) with an Overall Band Score 6.5 out of 9, April 2008.
- The Achievement and General Aptitude Tests of National Center for Assessment in Higher Education of Saudi Arabia. Scores 93 and 96 respectively, 2007
- Secondary School Certificate with a score of 99.89%.The fifth over the whole Kingdom. Honored from The Ministry of Education. King Saud Educational Complex, Riyadh, Saudi Arabia, 2004 – 2007.
- Intermediate School Certificate with score of 99.9%.Honored from The Ministry of Education. Exemplary School, Riyadh, Saudi Arabia, 2001 – 2004.
- Elementary School Certificate with Score 99.5%.The fifth over the Governorate. Ibn Al-Haitham School, Suez, Egypt, 1996 – 200.
- South Knoll Elementary School, College Station, Texas USA, 1994 – 1996.

Employment:

- Worked as a team member in a Nanotechnology project at KSU
- Worked as an administrator's assistance in Preparatory Year.

Awards:

- Winner of Society of Petroleum Engineers (SPE) Star Academic Fellowship, May 2012.

- Honored from the Crown Prince, Minister of Interior and Minister of Defense of Saudi Arabia for graduating with First Degree Honors.
- Honored as *The Model “Ideal” Student of King Saud University*, May 2012.
- Honored from the engineering college’s dean as the Best Outstanding student in Engineering College several times (five times), as well as from Petroleum and Natural Gas Engineering Chairman.
- Awarded The Best Graduation Project (II) “Characterization of Locally Produced Synthetic Sandstone Cores as Substitute for Imported Berea Sandstone in Research and Student Laboratory Work”, May 2012.
- Selected as the Ideal Student across the Engineering College, Feb 2012.
- Awarded The Best Graduation Project (I) “Integrated Development of Um-AlHamam Field: Reservoir Engineering Perspective”, and Honored from the Engineering College’s Dean and Chairman of Petroleum and Natural Gas Engineering Department sponsored by BAE Systems, Jan 2012.
- The first prize winner in SPE Sub-Regional Student Paper Contest, 22nd December 2011.
- The first prize winner in SPE Sub-Regional Student Paper Contest, 5th Jan 2011.
- Honored from the president of King Saud University as a winner in the contest at the First Students Scientific Research Symposium, 2010.
- Honored from Young Professionals Technical Symposium as a presenter at Aramco’s Head Quarter, 2010.
- In Preparatory Year, the Best Student in Thinking and Learning Skills from the vice rector for knowledge exchange and technology transfer, 2008.
- The Fifth on the Kingdom of Saudi Arabia in High School, 2007.
- Honored from Ministry of Education with Excellence (in all Prep. and High School).
- Honored from Ministry of Education in participation in Math & Science contests.

Training:

- SPE PetroBowl Challenge, ATCE, 30th September 2013.
- **Internship position in the University of Texas at Austin**, Center for Petroleum and Geosystems Engineering (CPGE), The Center for Subsurface Modeling (CSM) in ICES. 9 weeks duration 29th May – 4th August 2013.
- Certificate in Entrepreneurship from School of Business, *Cornell University*, January 2013.
- **Internship position in Schlumberger**, Integrated Project Management, Cairo – Al-Maadi. 5 weeks duration 10th July – 16th August, 2011.
- Selected to participate in ADIPEC Educational week sponsored by SPE in Abu Dhabi, UAE 30th October – 3rd November 2010.
- **Internship position in Schlumberger**, Dhahran Carbonate Research Center, Dhahran – Saudi Arabia. 9 weeks duration 10th July – 8th September, 2010. Researches were “Kinetics of the Reaction of Hydrochloric Acid with Calcite Using Rotating Disk Apparatus & Experimental Characterization of Magnetorheological Fluids: Stability & Yield Stress”

- Communication and Planning Skills, King Saud University.
- Leadership and teamwork skills, King Saud University.
- Project Management, King Saud University.
- Health & Safety Vision, EXPEC Building, Saudi Aramco.
- Event solution course and combining multidisciplinary majors “Synergy”, EXPEC Building, Saudi Aramco.

Workshops and Conferences:

- SPE Annual Technical Conference and Exhibition, ATCE 2013, New Orleans, LA, USA, 30th September – 2nd October 2013.
- Intelligent Completions and Open Hole Completion Solutions, Schlumberger, Dhahran, SA, 27th November 2011.
- SPE Abu Dhabi International Petroleum Exhibition and Conference, UAE., 30th October – 3rd November 2010.
- International Energy Symposium & Exhibition, Riyadh, 18-20th October 2010.
- Young Professionals Technical Symposium at Aramco’s Head Quarter as a Presenter, 1-3rd March 2010.
- King Saud University Students’ Research Preparatory Symposium for SSC. 9-10th December 2009, {Won the Contest in Engineering as the second best paper}
- The International Conference for Nanotechnology Industries, Riyadh, 5-7th April 2009.
- 19th National Computer Conference, Riyadh, 3-5th November 2008.
- The First Workshop at Center of Excellence in Information Assurance, Riyadh, 10th November 2008.
- The 7th Saudi Engineering Conference, Riyadh, 22-25th December 2007.

Community Service:

- Organizer and official representative of King Saud University's booth at The International Exhibition & Conference on Higher Education, 17-20th April 2012.
- Participating in the Rovers and Scouts camp in Makkah to serve the Pilgrimages in the Hajj Season (2009).
- A member of Students Tutoring Program in the University.
- Participating in some events such as trees week (planting trees, our environment and the pollution, saving the wilderness).Traffic Week (spreading safe driving ethics). Fighting cancer (Early diagnoses, raising the hope).
- Spreading Knowledge and awareness about Information Technology.
- A member of the voluntary work community in the university.

Activities:

- Graduate Life Chair, Graduate Student Council at KAUST.

- VP of Society of Petroleum Engineers (SPE), KAUST student chapter.
- VP of Society of Exploration Geophysicists (SEG), KAUST student chapter.
- Selected among the best students in engineering college to represent King Saud University at KAUST, 30th November 2011.
- Student counselor of the committee of petroleum engineering department, and the engineering college, and honored from the engineering college's dean for my performance.
- Member of the SPE, SEG, American Association of Petroleum Geologists (AAPG), Material Research Society (MRS), and Nature Science.
- Active Member of university clubs (KSU Scouts, Cultural and Social Committee, Creativity Club, Science Club, Computer Club, Library Friends, and English Language Club, Arabic Language Club).
- Creating and Publishing Magazines.
- Member of the Future Pioneers program.

Additional Information:

- Although I've been accepted in Al-Faisal University as a Full Scholarship to study Medicine as well as College of Medicine in Cairo University, but I've preferred to study Petroleum Engineering at King Saud University despite the grant from King Fahd University of Petroleum and Minerals (KFUPM).
- Although I've been accepted to study masters in KSU and KFUPM, but I have decided to pursue my postgraduate studies with KAUST.

Interests:

- Reading, swimming, tennis & table tennis, squash, chess, football, basketball, computing and programming (won competitions in table tennis and swimming and participated in other activities).

Other Skills:

- Leadership with Team Work Skills.
- Excellent user of Microsoft Office and all its supportive programs.
- Social and Communication Skills.
- Clean Driving License.

Publications (Student Paper Contests & Graduation Projects):

- Application of Advanced High Power Lasers for Oil & Gas Well Drilling and Perforations.
- Experimental Characterization of Magnetorheological Fluids in Terms of Stability & Yield Stress and their Applications in Reservoir Stimulation and Flow Diversion.
- Integrated Development of Um-AlHamam Field: Reservoir Engineering Perspective.
- Characterization of Locally Produced Synthetic Sandstone Cores as Substitute for Imported Berea Sandstone in Research and Student Laboratory Work.

Goals:

- Looking forward to be trained in all I've been studying.
- Increase my experience in Engineering in general and particularly Petroleum Engineering.
- Being up to date in Knowledge and Technology, to be a Major Reference in my field of specialization and develop my overall skills with a lifelong learning attitude.

References:

1) Education:

- Prof. Shuyu Sun, Earth Science and Engineering and Applied Mathematics & Computational Science, *KAUST*. Shuyu.Sun@kaust.edu.sa .
- Prof. Sigurjón Jónsson , Earth Science and Engineering, *KAUST*. sigurjon.jonsson@kaust.edu.sa .
- Prof. Mary F. Wheeler, The Center for Subsurface Modeling, The Institute for Computational Engineering and Sciences (ICES), *The University of Texas at Austin*. mfw@ices.utexas.edu
- Prof. Mojdeh Delshad, Petroleum and Geosystems Engineering, *The University of Texas at Austin*. delshad@mail.utexas.edu
- Prof. MUSAED N. J. AL-AWAD, Petroleum Engineering, *KSU*. malawwad@ksu.edu.sa
- Prof. Adel M. Hemeida, Petroleum Engineering, *KSU*. ahemeida@ksu.edu.sa
- Dr. Emad S. Al-Homadhi, Associate Professor, Petroleum Engineering, *KSU*. ehomadhi@ksu.edu.sa
- Prof. Abdulaziz Abdullah I. Alhamid, Department of Civil Engineering, *KSU*. Previous Dean on the Engineering College. aalhamid@ksu.edu.sa
- Prof. Khalid Ibrahim Alhumaizi, Chemical Engineering Department, Dean of Engineering College, *KSU*. humaizi@ksu.edu.sa
- Eng. Abdulbari Abdullah Al-Arefi, Petroleum Engineering, *KSU*. arefi@ksu.edu.sa
- Dr. Abdurrahman Al-Qurishi, *KACST*, Oil and Gas research Institute. aqurishi@kacst.edu.sa.
- Prof. Muhammad Asif Qureshi, Department of Mathematics, *KSU*. mohdasif@ksu.edu.sa .
- Dr. Rizwan Butt, Associate Professor, Department of Mathematics, *KSU*. rizwanbu@ksu.edu.sa , fouzanbutt@yahoo.com
- Dr. Hamad Abdulaziz Albrithen, Department of Physics and Astronomy, *KSU*. brithen@ksu.edu.sa
- Dr. Gehad Kandeel Sadiq, Assistant Professor, Department of Physics and Astronomy, *KSU*. gehad@ksu.edu.sa
- Dr. Ibrahim Elsebaie, Department of Civil Engineering, *KSU*. elsebaie@ksu.edu.sa
- Dr. Nadeem Ahsan Siddiqui, Associate Professor, Department of Civil Engineering, *KSU*. nadeem@ksu.edu.sa
- Dr. Khalid S. Al-Gahtani, Assistant Professor, Civil Engineering Department, *KSU*. kgahtani@ksu.edu.sa
- Prof. Farag Abd El Salam Abd El Aleem, Chemical Engineering Department, *KSU*. faleem@ksu.edu.sa

- Dr. Othman Y. Alothman, Assistant Professor, Chemical Engineering Department, *KSU*.
othman@ksu.edu.sa
- Dr. Khalil Abdelrazek Khalil, Assistant Professor, Mechanical Engineering, *KSU*.
kabdelmawgoud@ksu.edu.sa
- Dr. Abdul Aziz Al-Othman, Preparatory Year, *KSU*.dean@py.ksu.edu.sa .

2) Employers:

- ✚ Dr. Wahied Ali, Electrical Engineering, King Saud University.
wahied@ksu.edu.sa.
- ✚ Mr. Steve Dyer, *Schlumberger* (SDCR) Program Manager, Production Completions and Recovery.
dyersj@exchange.slb.com
- ✚ Dr. Mustapha Abbad, *Schlumberger* (SDCR)
mabbad@exchange.slb.com
- ✚ Eng. Yasmine Nassim, *Schlumberger* IPM Project Manager
YNassim@exchange.slb.com