

ABDULLA KERIMOV

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EDUCATION

Stanford University, Stanford, CA **Expected Dec 2018**
PhD Candidate in Geophysics and Seismology
Advisor: Prof. Gary Mavko, Rock Physics and Borehole Geophysics
GPA: 3.85/4.00

Colorado School of Mines, Golden, CO **Aug 2011–Dec 2013**
MS in Petroleum Engineering
Advisor: Prof. Wendy Wempe, Rock Physics and Petrophysics
GPA: 3.88/4.00

Azerbaijan State Oil Academy, Baku, Azerbaijan **Sep 2007–May 2011**
BS in Petroleum Engineering
GPA: 3.90/4.00

PROFESSIONAL EXPERIENCE

Shell Exploration & Production Co., Houston, TX **Summer 2015**
QI Geophysicist Intern in Mesozoic GOM, UA Exploration

- Assessed the reservoir quality of the 5 target prospects in Eastern GOM (EGOM)
- Established AI–porosity rock physics transforms constrained to mineralogy in Mesozoic GOM
- Ranked EGOM prospects based on statistical modeling of inverted seismic porosity volumes

Chevron Energy Technology Co., Houston, TX **Summer 2013**
Reservoir Engineer Intern in Waterflood Optimization, EOR/IOR

- Implemented Capacitance–Resistance Model (CRM) to predict water breakthrough time
- Applied CRM to predict water breakthrough time in 5-, 7-spot pattern simulation models with error of 15%, in actual reservoir (Kazakhstan onshore field) with error of 30%.

Chevron Energy Technology Co., Houston, TX **Summer 2012**
Reservoir Engineer Intern in Waterflood Optimization, EOR/IOR

- Conducted numerical study on reservoir conformance to design optimal treatment BrightWater[®] by taking into considerations static and dynamic measures of heterogeneity
- Revealed insights into relationships between optimal conformance treatment properties (mass, resistance, slug size), recovery efficiency, and measures of heterogeneity (Lorentz coefficient)

BP Exploration Ltd., Baku, Azerbaijan **Summer 2010**
Reservoir Engineer Intern in Depletion Plan Delivery, Reservoir Management

- Conducted integrated study on waterfront advancement in multi-layer reservoir (Azerbaijan offshore field) using classical material balance method and reservoir simulation modeling
- Built interactive well performance and well log database of over 200 wells in Spotfire
- Received an award of excellence (1st place) for the best technical context and presentation style among 30 engineering and geoscience interns

LEADERSHIP EXPERIENCE

Lead Teaching/Lab Assistant, Colorado School of Mines Jan 2012–Dec 2012

Supervised a team of 12 teaching assistants providing weekly directions and trainings to teach the engineering class of 200 undergraduate students

- Assured team members compliance with safety, quality, and departmental requirements
- Monitored team members participation to ensure the training provided was being put into use
- Provided weekly performance feedback and coaching for skill improvements

President of SPE Student Chapter, Azerbaijan State Oil Academy Sep 2010–May 2011

- Doubled the number of chapter events and increased the total number of members by 150%
- Established the link between university and industry by organizing seminars and conferences
- Executed all communications, event planning, budget, and logistics for 2-days symposium
 - Created and monitored registration process for 200 attendees
 - Negotiated all room sales, catering, and banquet contracts with hostel hotel
 - Recruited corporate sponsors from oil and gas industry for symposium

RESEARCH EXPERIENCE

PhD Research: Improved quasi-static and dynamic consolidation theory for monitoring and forecasting the consolidation phenomena in the earth, where the compaction-induced changes in microstructural and mechanical properties are taken into consideration. Improved Hertz-Mindlin forces based contact model for computation of effective elastic moduli of granular assemblies

MS Research: Quantitative determination of wettability from NMR T₂ relaxation forward/inverse model. Effect of paramagnetic iron bearing minerals (pyrite) on NMR T₂ relaxation measurements

HONORS AND AWARDS

- SEG GSH/Charlie and Jean Smith Scholarship (2016) – 10000\$
- SPWLA Foundation Scholarship (2015) – 1750\$
- SPE Golden Gate Scholarship (2015) – 1500\$
- SEG Shirley A. and Stanley H. Ward Scholarship (2015) – 10000\$
- SEG Charlie and Smith Scholarship (2014) – 10000\$
- Stanford Graduate Fellowship – for PhD studies (2014)
- SPE STAR Scholarship (2010) – 5000\$
- BP Exploration Ltd. Scholarship (2007-2008) – 1000\$
- State Oil Company of Azerbaijan Republic Scholarship (2007-2011)

SKILLS

Programming	Matlab, R, Java, Python
Operating systems	Windows, Mac OS X, Linux
Software packages	Petrel, Techlog, RokDoc, COMSOL, CMG, Eclipse, Microsoft Office
Foreign languages	Azerbaijani (native), English (fluent), Russian (fluent), Turkish (proficient)
Personal interests	snowboarding, soccer (1 st and 2 nd places in regional competitions), photography, travelling (visited 20 countries)