

Fatmir Likrama

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<https://flikrama.github.io/>

Analytics and Energy professional experienced in technical consulting, data analysis, statistics, project management and software development. Analytical background in Physics and Engineering with proven communication and business skills.

Skills

- More than 9 years of experience as a consultant, technical analyst and DevOps converting technical analysis to business value.
- Expert usage of MS Excel, Visio, PowerPoint, Access, TFS and Jira.
- User of SQL and Python on big data in a business and technical environment.
- Proficient with Power BI and Tableau analysis, dashboard creation and maintenance, familiar with geospatial technology.
- Familiar with AWS and Azure cloud environments.
- Agile/Scrum practitioner.
- Proven verbal and written communication and team building skills.

Achievements

- Published on time series analysis, signal processing (wavelet transform) and automatic change point detection methodology besides several geomechanics applications in the energy industry
- Developed internal scripts for data transfer from geological databases to FEM platforms using Python and SQL
- Accomplished software product migration to cloud within 6 months as a product owner
- Led Neural Network, Self-organizing Maps and Fuzzy Logic algorithm implementation in Rock Physics products

Employment Experience

Contractor Research Specialist,
Texas DSHS: Data Analytics Team 09/2020 - Present Austin, TX
Lead

- Performing forecasting, segmentation studies and ad hoc analytics on Texas immunization coverage and data exchange with the immunization registry.
- Testing, developing and presenting SQL procedures, automation tools, standard operating procedures for accurate and complete data streaming for bi-directional data streaming system.
- Identifying and quantifying Immunization Registry data exchange errors.
- Building and leading the Immunization Registry Data Analytics Team by helping members achieve objectives and grow professionally.

Rock Physics Product Owner **6/2019 – 5/2020** **Houston, TX**
Landmark Software, Halliburton

- Managed a rock physics products software portfolio within an Agile framework.
- Maintained product backlog balancing the requirements of stakeholders and clients
- Built, documented, tracked and approved mockups, test cases and acceptance criteria.
- Built and maintained relationships with clients and stakeholders for requirements and input.

Consultant/Analyst/PM **5/2012 – 6/2019** **Houston, TX**
Halliburton Consulting and Project Management

- Performed Geomechanics Consulting/Analytics and Project Management work for oil and gas operators all around the globe.
- Enhanced offerings' portfolio by adding 4D Geomechanical modeling and wellbore stability workflows considering shale swelling chemical effects.
- Translated technical content into actionable business items for management review and decision making.

Self Employed Tutor **1/2009 – 5/2012** **Austin, TX**
Self Employed

Tutored undergraduate and graduate students in person and online on Statistics (using SPSS), Math, Physics and Chemistry.

Engineering Intern **5/2007 – 9/2007** **Sugar Land, TX**
Schlumberger

Modeled mud filtrate invasion, fluid flow to a sampling probe and drilling mud filtrate clean up in a Wireline Formation Testing utilizing Eclipse 300 Reservoir modelling software.

Research Assistant **6/2006-12/2008** **Austin, TX**
University of Texas at Austin

Collaborated in research on coupled fluid dynamics and mechanics of weakly cemented and un-cemented formations, permeability variation, stress and fracture reorientation and wellbore failure analysis modeling.

Education

University of Texas at Austin,
Master of Science in Engineering, **8/2006 – 12/2008** **Austin, TX**
PE

Thesis: Study of Mechanical and Flow Properties of Weakly Cemented and Un-cemented Sands Using Discrete Element Method Modeling.

Bogazici University, **9/1999 – 6/2003** **Istanbul, Turkey**
Bachelor of Science, Physics

Graduated ranking top of 2003 class, Physics Department.

US Citizen since 2015