

# Fatmir Likrama

**Houston, TX**  
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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 8 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.
- Tutored Statistics with SPSS and SAS to graduate and undergraduate students for 3 years.
- Familiar with AWS and Azure cloud environments.
- Agile/Scrum practitioner.
- Proven verbal and written communication skills; fluent in Spanish, Albanian and Turkish.

## 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
- Pioneered Neural Network, Self-organizing Maps and Fuzzy Logic algorithm implementation in Rock Physics products

## Employment Experience

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

- Performing forecasting, segmentation studies and ad hoc analytics on Texas immunization data.
- Identifying and quantifying Immunization Registry data exchange errors.
- Testing, developing, presenting and reporting standard operating procedures for accurate and complete data streaming for bi-directional data streaming new system.
- Leading the Data Analytics Team.

**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 relationships with clients for requirements and input.
- Facilitated collaboration between different functions and aligned all teams involved with development and release.

**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**