



# KALI WEST

## EDUCATION

- Bachelor of Science:** Mechanical Engineering Technology  
Minor: Sustainable Product Development  
Rochester Institute of Technology **2012**  
Rochester, NY
- Shell Graduate Program:** Pipeline-Upstream Major Projects  
Shell International Exploration Company **2014**  
Houston, TX
- Shell Advanced Technical Program:** Pipeline – Front End, Design, Execute  
Shell International Exploration Company **2017**  
Houston, TX

## PROFESSIONAL PROFILE

Mechanical engineer with proven track record of delivering cost and schedule savings by pairing new ways of thinking with existing systems through an emphasis on people relationships.

## CONTACT INFORMATION

United States of America  
Email [KaliWest@asme.org](mailto:KaliWest@asme.org)  
Website [www.Kalimono.com](http://www.Kalimono.com)

## PROFESSIONAL CREDENTIALS

PMP Associate Certification  
Six Sigma Green Belt  
Valid TWIC  
Valid BOSIET Certification

## INTERESTS

Automotive fabrication, avid motorcycle rider, product design and concept sketching

## WORKING EXPERIENCE

- Subsea Engineer, Royal Dutch Shell** **2017- Present**  
Houston, TX  
Develop, implement, and sustain strategies for portfolio of company tooling enabling completion of wells in the Gulf of Mexico from four active rigs.  
❖ Led multiple round tender negotiations delivering over 3 million USD savings a year to company.
- Decommissioning Engineer, Royal Dutch Shell** **2016-2017**  
Houston, TX  
Delivered riser engineering scope required for new method used to remove steel catenary riser from tension leg platform without human divers.  
❖ Project completed with 50% decrease in cost over conventional method used by company.
- Structure Fabrication Lead, Royal Dutch Shell** **2015-2016**  
Houston, TX  
Manage fabrication of several subsea structures including foundation piles for deep water project with world's deepest gas line. Accountable for interpretation of company specifications and responses to fabrication queries.  
❖ Received Safety Hero Award for holding an All Stop during load out to prevent contractors from entering pathway of overhead loads.
- Pipeline Design Engineer, Royal Dutch Shell** **2014-2015**  
Houston, TX  
Standardized design for company's well jumper in Gulf of Mexico subsea tiebacks. Created design content to be included in proprietary Ipad Application for standardized equipment catalogue.  
❖ Design used by company to execute a subsea tieback with reduced size project team on accelerated delivery schedules.
- Pipeline Jumper Lead, Royal Dutch Shell** **2012-2014**  
Houston, TX  
Bid and manage contracts for procurement of equipment as well as installation of steel pipe jumpers and novel pipeline crossing bridge  
❖ Developed specifications and installed messenger wire used to initiate a flowline under a drill rig preserving first oil schedule.

## COLLEGIATE EXPERIENCE

### Intern, Shell International Exploration Production Company

Generate buckle arrestor design and American Petroleum Institute Guideline 1111 Excel tools to improve the design process used by pipeline team in support of Gulf of Mexico assets.

**2011**

Houston, TX

### Structural Materials Undergraduate Co-op, General Electric- Global Research Center

Design part fixtures, setup and run ion plasma deposition experiments to optimize novel repair service for aero-derivative turbine applications. Prepare and mount metal composite samples from experiments to determine mechanical properties for lead material scientist utilizing spectral electron microscope and micrograph analysis.

- Reconfigured tensile machinery to increase efficiency by two times original output, resulting in decreased test result turnover times.

**2010 - 2011**

Niskayuna, NY

### Intern, Shell Exploration Production Company

Analyzed and recommended solutions for low producing onshore gas wells in Pinedale Asset. Executed appropriate business processes for funding and job completion. Created reference manual capturing Pinedale onshore gas surface facility components and respective functions using various graphic media software.

**2010**

Denver, CO

### Intern, Shell Exploration Production Company

Developed equipment recommendations enabling remote access to a Gulf of Mexico oil platform over 150 miles from shore utilizing closed circuit television system technology to provide company competitive edge in restarts following force majeure shut downs.

**2009**

New Orleans, LA

### McNair Scholar Undergraduate Researcher, Galliano Sustainability Institute-Rochester Institute of Technology

Presented Paper entitled "United States Biofuel Outlook: Analysis of Future Land and Biomass Needs for Clean Air Act Requirements". Determined the feasibility of various forms of starch and sugar based biofuels for meeting the Renewable Fuel Standards outlined in the Clean Air Act in terms of land usage and raw biomass volume.

Developed process diagram included in "*Uncertainty in Life Cycle Assessment of Nanomaterials* *Nanomaterials: Risks and Benefits*" based on audit of consumable material in laboratory scale manufacturing process of carbon nanotube batteries. Applied audit learnings to a SimaPro Life Cycle Analysis for plug in hybrid vehicles applications.

**2008**

Rochester, NY

## SKILLS

