

# ILaura RODRÍGUEZ URBAEZ

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## **OBJECTIVE:**

Motivated recent graduate in Chemical Engineering with strong laboratory skills seeking a position in Research & Development in the field.

## **EDUCATION:**

Bachelor's of Science in Chemical Engineering  
Universidad Autónoma De Santo Domingo, Dominican Republic.

Graduated: October 2013

## **EXPERIENCE:**

### **Laboratory Assistant: Analysis of Biodiesel production process, Biofuel Industry Dominicana**

July- October 2013

- Titration of the oil used for obtaining the formula for the process Moisture analysis and soaps in the finished product.
- Optimization of the production process of Biodiesel.
- Formulation, development and use of animal fat for obtaining Biodiesel.
- Purchase of laboratory materials that will aid in the process of obtaining Biodiesel.

### **Intern: Water treatment for nickel paint, Centro Automotriz Galaxia**

February-June 2013

- System installation of water deionization treatment using ion exchange resins and reverse osmosis used in nickel paints for vehicles.
- Features: monitoring and reporting process using conductimeter.
- Purchase of activate carbon filters for water treatment.
- Purchase of resin to be us for water treatment.

### **Intern: Soybean Oil industry, Cesar Iglesias Company**

January-June 2012

- Production Assistant: soy oil process and treatment of water for human consumption.
- Features: monitoring and reporting process weekly and assistant department PH testing quality, color, odor, humidity, soap index, acidity.
- Contributions: Improved quality system covering the frequency deficiency in the finished product inspection, Lot unrepresentative sampling (sampling inspection and attributes by Military Standard 105E (ANSI / ASQC Z1.4, BS 6001, ISO 2859), packaging mishandled defects, reject log and spills, raw material inspection.

## **SKILLS:**

- Microsoft Office and Visio, (2007 Centu).
- Good Manufacturing Practices (GMP), (Cesar Iglesias 2012).
- Hazard Analysis and Critical Control Points (HACCP), (Consultoría y Capacitación Focalizada 2013).
- Good Manufacturing Practices (GMP), (Consultoría y Capacitación Focalizada 2013).
- Fluent in Spanish and English.