

Leonel Varvelo

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Education

University of Houston- Houston, Texas

Bachelors of Science in Physics

August 2016 – May 2019

Minor in Mathematics

Overall GPA - 3.3

Lee College – Baytown, Texas

January 2016 – May 2016

One semester of undergraduate classes

Baylor University- Waco Texas

August 2014 – December 2015

Three semesters of undergraduate classes

Internships / Research Experience

Research Assistant

September 2018 – Present

Center for Theoretical Biological Physics, Rice University- Houston, Texas

- Work with mentor to develop new computational models for research
- Research: single molecule junctions

Intern

May 2018 – August 2018

Center for Theoretical Biological Physics, Rice University- Houston, Texas

- Competitive ten week internship
- Conducted research of molecular conductance in a junction

Work Experience

Field Technician

October 2017 – April 2018

Republic Energy and Industrial Services- Houston, Texas

- Collaborated with coworkers to plan and resolve industrial waste issues for clients
- Collected on-site industrial waste samples for analysis in a laboratory to conclude and communicate appropriate disposal at a waste facility or a recycling plant
- Conceptualized ideas for individual job plans used for quoting clients involving cleaning, removal, and transportation of waste

Field Technician

May 2014 – October 2017

C4 Environmental Services- Houston, Texas

- Cooperated with 20+ facilities in resolving and properly disposing of industrial and hazardous waste
- Obtained various technical training under Houston Area Safety Council including site-specific training, basic plus training, and supplied air training
- Coordinated with a coworker to managed inventory of personal protective equipment needed to ensure safe work techniques could be properly met

Customer Service Representative

Walgreens- Baytown, Texas

May 2013 – January 2014

- Ran photo operations and developed pictures
- Worked with customers to resolve customer issues
- Assisted in keeping a fully stocked and clean store

Skills

Bilingual in English and Spanish

Proficient in MATLAB, learning PYTHON

Involvement

Sigma Pi Sigma- UH chapter member

Community Service- 20+ hours of volunteer work with Boy Scouts of America

Research Presentations

Poster Presenter- Center for Theoretical Biological Physics Undergraduate Research Day

Poster Presenter- University of Houston Undergraduate Research Day

Honors

Houston Endowment Scholarship

May 2014 – December 2016

Highlands Rotary Scholarship

May – 2014