



Mary Alice Salazar

SCIENTIST DATA
ANALYST

DATA SKILLS

- Python, NUMPY, MATLAB
- MYSQL
- CSS
- Excel
- Hadoop
- JSON
- Machine Learning

CONTACT INFORMATION

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Austin Texas, 78705

RESEARCH ARTICLES

The effects of protein solubility on the RNA Integrity Number (RIN) for recombinant Escherichia coli

Dynamic Transcriptional Response of Escherichia coli to Inclusion Body Formation

CAREER SUMMARY

RESEARCH SCIENTIST ASST., LAB MANAGER

University of Texas at Austin | 2015 - present

- Oversees Ph.D. candidates and trainees in Spinal Cord Biomedical Engineering laboratory
- Developed full stack analysis of neuron firing data with Python.
- Supported research, managed laboratory safety, and continued IRB compliance with projects in collaboration with PI and student researchers.

SCIENTIST TECHNICIAN

Thermoscientific Life Technologies | 2014

- Consistently achieved the sales goals of the group
- Assessed quality and interpreted RNA studies, processed custom microarray analyses, and maintained key equipment.
- Compiled product reports, communicated results to management, and prepared custom data packages for clients.

ACADEMIC HISTORY

UNIVERSITY OF TEXAS AT AUSTIN

Bootcamp Certificate: Data Analysis and Visualization, Red McCombs School of Business

Completed in April 2019

CLEMSON UNIVERSITY

Masters Degree in Analytical Chemistry