NOT MY NAME

DATA ANALYST

CONTACT

notmyemail@yourmail.com
(123) 456 - 7890
linkedin.com/notmyname876

EDUCATION

B.S. Physics
Utah Valley University
Jan 2015 - May 2018
Orem, Utah

SKILLS

Programming Languages

Python (Numpy, SciPy, pandas, scikit-learn, matplotlib)
SQL (MySQL)
LabVIEW
MATLAB
C#

Software

Google Workspace
Microsoft Office
LaTeX

CERTIFICATIONS

Data Scientist,
365datascience - In Progress

Applied Data Science,
MIT Professional Education - In Progress

SERVICE

Lay Minister
The Church of Jesus Christ of Latter-day Saints
Sep 2019 - April 2022

CAREER OBJECTIVE

I have 6 years of experience with data analysis and visualization utilizing Python and associated libraries. I am intensely intellectually curious, constantly driven to learn and master new material. I aim to grow personally and professionally while positively shaping society through my work.

WORK EXPERIENCE

Graduate Research Assistant

Auburn University Physics Department
Jan 2019 - May 2021

- Gathered and analyzed experimental data for identification of plasma wave phenomena. Methods included Fourier transformations, current vs. voltage traces, and time series analysis.
- Identified and rectified persistent radio frequency interference through spectrum analysis of collected data.
- Rebuilt and upgraded ALEXIS, an inactive linear vacuum plasma experiment, associated data probes, LabVIEW VIs, and DAQ configuration, extending service life and reducing required maintenance time.
- Mentored and supervised undergraduate students in the ALEXIS Laboratory.
- Wrote the ALEXIS standard operations manual.

Graduate Teaching Assistant

Auburn University Physics Department
Aug 2018 - May 2021

- Received Graduate Teaching Assistant of the Year award.
- Analyzed student grades - mean, median, mode, and standard deviation - and compared with previous semesters to improve instruction effectiveness.
- Taught students from many majors, including liberal arts, engineering, and physics.

Undergraduate Research Assistant & Academic Tutor

Utah Valley University
Jan 2015 - May 2018

- Analyzed 15 years of satellite data - over 150 GB - via binning, smoothing, running averages, and gradient calculations, to identify and quantify specific atmospheric phenomena and associated historical trends.
- Founded plasma physics research group; applied for grants, managed budget, and supervised members to construct a working plasma engine.
- Built and optimized a computational model of a plasma engine. Optimized thrust via comparison of Maxwellian velocity distributions and presented findings at a regional conference.
- Built algorithm to remove stars and fish-eye distortion, followed by FFT and time series analysis, of image series for identification of atmospheric gravity waves.
- Applied for and received maximum value research grants every year at a non-research institution, totalling over $10,000.