

## Peter Maxfield Lauve

325-665-8859

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I am a recent graduate from UTSA Data Analytics Bootcamp looking to start a new career in the field of Data Analytics. Throughout my career as a chemist, I relied heavily on my critical thinking and problem-solving skills on a daily basis.

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### Education:

University of Texas San Antonio: **Data Analytics Bootcamp Certificate** earned April 2021

Abilene Christian University: **Bachelor of Science (Biochemistry)** earned December 2012

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### Occupational Skills:

- Creating beautiful, highly descriptive visualizations using various Python libraries, Javascript plotly, and Tableau
  - Pulling JSON's with API and working with them in Python and Javascript
  - Using scikit-learn to import statistical models for machine learning
  - Creating engines to allow Python to communicate with SQL and MongoDB
  - Building a database in SQL by connecting the primary and foreign keys in tables
  - Highly experienced with several analytical chemistry instruments and techniques, including: HPLC/MS, ICP/MS, acid digestions, and other wet chemistry techniques
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### Work Experience:

December 2019 – June 2020

*Blue Line Corporation– Production Chemist*

- Writing batch tickets and using advanced analytical techniques to instruct production team in the production of more than 10,000 kg of “rare earth chloride” (lanthanum).
- Producing small batches of high purity material for special requests.
- Testing the quality of raw materials using ICP/MS

July 2018 – June 2019

*Clean Harbors Environmental Services – Lab Pack Chemist*

- Identifying, segregating, and preparing various hazardous & non-hazardous waste streams at Alcon Laboratories for disposal.
- Performing weekly inspections on Satellite Accumulation Areas & Waste Storage area in accordance with EPA & TCEQ regulations.
- Generating hazardous waste manifests, BOL's, LDR's, and all associated paperwork in accordance with EPA & DOT regulations per the 40, and 49 CFR.
- Responding to any chemical spills on campus, identifying hazards, and determining proper PPE for said spill.

March 2017 – January 2018

*Ellyve Integrated LLC – Toxicology Certifying Scientist*

- Set up clients with the means to run a urine toxicology lab
- Ran validation studies for Agilent LCMS, AU 680, MGC 240, Biolis 24i
- Optimized parameters, organized data, and prepped for a variety of validation studies
- Completing high volumes of data entry for validation and stability testing.

August 2015 – November 2016

*Southwest Laboratories / ESA Laboratories - Toxicology Laboratory Technician*

- Prepped ~450 human urine samples daily for 3 different toxicology panels
- Operated Waters and Agilent HPLC/MS/MS, and AU640 immunoassay analyzer
- Managed workflow to maintain 24-hour turnaround time for urine samples
- Performed routine maintenance and troubleshooting for Waters and Agilent LC/MS, as well as AU640
- Authored SOP for LCMS analysis of ethanol metabolites, ETS/ETG
- Accessioned patient information into the internal LIS

October 2014 – April 2015

*Alcon- QC Analyst (contract)*

- Tested 50+ component chemicals per USP, JP, and EP
- Performed a variety of wet chemistry techniques per cGMP guidelines
- Documented results in a hand-written lab report, and in an electronic database
- Organized chemical supply closet and assisted in supply management

**References:**

Miles Keller  
Clean Harbors Environmental Services  
Fort Worth, TX  
407-492-5226

Scott Schnieder  
ESA Laboratories  
Denton, TX  
918-527-5659

Brandi Woods  
Blue Line Corp.  
San Antonio, TX  
210-306-6252