

Casey A. Twine

Web Developer/Analytical Chemist

9546 Lily Pond Ct, Leland, NC 28451 • (910) 623-8447 • casey7twine@gmail.com

[GitHub](#) • [LinkedIn](#) • [Portfolio](#)

Summary

- Analytical chemist with over 11 years professional laboratory experience
- Skilled at interpreting analytical data for routine and non-routine testing
- Experienced in developing and validating methods using various laboratory techniques and instrumentation

Skills

- HTML5/CSS
- Javascript (NodeJS)
- Photoshop
- Git

Professional Experience

March 2020 – Present

Quality Chemical Laboratories • Wilmington, NC
Chemist II

- Developed and validated assay and impurity methods for HPLC
- Performed maintenance and troubleshoots analytical instruments
- Composed analytical methods and reports detailing processes for clients
- Performed testing on Development; Phase I, Phase II, and Phase III samples
- Perform maintenance and troubleshooting of analytical instruments

September 2019 – March 2020

Guerbet • Raleigh, NC
Quality Technician

- Performed in-process testing for injectables
- Release testing of injectables

- Tested by UV, Density Meter, Titration (manual and automated), and HPLC
- Collected and analyzing water samples
- Performed troubleshooting analytical instruments and methods
- Led a team to improve data integrity procedures

February 2019 – July 2019

Catalent Pharma Solutions • Morrisville, NC
Scientist

- Performed analytical test methods and contributed to analytical method characterization using chromatography and electrophoretic techniques to support process development activities
- Performed testing of large molecule products by HPLC, CE, and MFI
- Experience with capillary electrophoresis including CE-SDS applications using 32 Karat to acquire data
- Prepared formulation batches

Education

Bachelor of Science in Chemistry: University of North Carolina Wilmington

Graduate Course Work: East Carolina University

- | | |
|---------------------------------|------------------------------|
| • Organic Structure Elucidation | • Advanced Organic Chemistry |
| • Advanced Analytical Chemistry | • Instrumental Analysis |

Coding Bootcamp Certificate: University of North Carolina Chapel Hill