



SOPHIA BROWN

Laboratory Analyst

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PROFESSIONAL SUMMARY

Experienced Laboratory Analyst specializing in clinical laboratory testing and diagnostics. Over 10 years of experience in performing a wide range of tests, including hematology, immunology, and clinical chemistry. Known for implementing quality control measures that improved test accuracy and reliability, resulting in a 20% decrease in retesting rates. Strong organizational skills and attention to detail, ensuring compliance with laboratory standards and regulations.

WORK EXPERIENCE

Laboratory Analyst - Water Treatment Dec / 2017-Ongoing
WidgetWorks Inc. Denver, CO

- Conducted comprehensive testing of wastewater and drinking water samples, ensuring compliance with environmental regulations.
- Performed physical and chemical analyses using advanced laboratory equipment, including spectrophotometers and dissolved oxygen meters.
- Executed biochemical tests to assess oxygen demand, contributing to the understanding of water quality.
- Carried out microbiological analyses to detect coliform and E. coli, ensuring public health safety.
- Collaborated with software developers to enhance laboratory information management systems for improved data accuracy.
- Redesigned testing protocols to reduce setup time and improve data retrieval efficiency.
- Trained junior analysts on laboratory procedures and safety protocols, fostering a culture of quality and compliance.

Lab Tech And Quality Assurance (QA) Officer Dec / 2014-Dec / 2017
Cactus Creek Solutions Phoenix, AZ

- Managed laboratory compliance testing for wastewater effluent, ensuring the integrity of reported data.
- Developed and maintained standard operating procedures for laboratory testing, emphasizing safety and accuracy.
- Utilized statistical analysis and control charts to monitor data trends and ensure quality control.
- Identified and implemented corrective actions for quality control failures, maintaining laboratory standards.
- Conducted regular training sessions on laboratory best practices and regulatory requirements for staff.

EDUCATION

Bachelor of Science in Chemistry Dec / 2011-Dec / 2014
University of California Seattle, WA

Focused on analytical chemistry and environmental science, gaining hands-on experience in laboratory techniques.

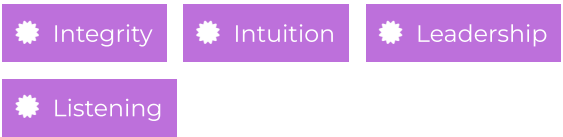
SKILLS



INTERESTS

- Podcasts Language Learning
Dancing Cycling

STRENGTHS



LANGUAGES



ACHIEVEMENTS

- Improved laboratory efficiency by 30% through the implementation of streamlined testing procedures.
- Achieved 100% compliance in regulatory audits over the last 5 years.
- Improved laboratory efficiency by 25% through the implementation of a new sample tracking system.
- Reduced reagent waste by 15% by optimizing inventory management and usage protocols.