



Melissa Humble-Sage

CONTACT

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📍 Skokie, IL

🌐 [Portfolio](#)
(mhumblesage.github.io)

EDUCATION

IDAHO STATE UNIVERSITY

- B.A. in Chemistry

UDEMY COURSES (IN PROGRESS)

- Complete Data Analyst Bootcamp
- AWS Certified Solutions Architect Associate
- AWS Certified AI Practitioner

SKILLS

- Tools & Languages: Excel, SQL, Tableau, Power BI, Python, AWS, Laboratory Information Systems
- Analytical Techniques: Data cleaning, Validation, Trend analysis, Quality assurance, Business intelligence visualizations, Data Analysis, Dashboard Development, Healthcare Analytics
- Soft Skills: Communication, Project organization, Cross-functional collaboration, Process optimization

CERTIFICATIONS

- AWS Certified Cloud Practitioner (2025-Currently)
- Technologist in Chemistry (C(ASCP)) (2010-Currently)

PROFESSIONAL SUMMARY

Analytical professional with a background in chemistry and clinical laboratory science, transitioning into data analytics. Skilled in uncovering trends, solving complex problems, and communicating insights to drive better business decisions. Eager to leverage this unique combination of technical and analytical expertise to deliver actionable insights in a data analyst role.

PROFESSIONAL EXPERIENCE

Elizabeth Meyer Elementary School - Skokie, IL MAR 2024 - CURRENT *Paraprofessional and Registered Behavioral Technician*

- Provided one-on-one and small group instruction while collecting and recording detailed behavioral data to support targeted intervention plans
- Communicated effectively with the educational team to relay analytical observations and progress reports
- Utilized data validation techniques to track student behavior, informing behavior intervention planning and process improvement initiatives
- Facilitated social skills development and adapted instructional methods based on monitored trends and individual student needs

Ochsner Medical Center - New Orleans, LA MAR 2020 - OCT 2021 *Gross Room Technician*

- Streamlined gross lab operations by analyzing workflow data and implementing process improvements to enhance operational efficiency
- Managed specimen lifecycle and coordinated cross-departmental communication, ensuring sample integrity
- Developed and implemented innovative data gathering and management processes, aligning with healthcare analytics and regulatory standards
- Documented quality assurance metrics and maintained comprehensive regulatory compliance documentation to support ongoing quality improvement efforts

Abbott Toxicology - New Orleans, LA MAY 2019 - MAR 2020 *DOT Data Transcriptionist*

- Analyzed and verified lab data accuracy for toxicology reports
- Operated and maintained GC-MS and LC-MS/MS instrumentation
- Ensured data integrity by cross-referencing lab results with system inputs
- Supported data flow optimization and helped reduce processing errors

ARUP Laboratories - Salt Lake City, UT DEC 2010 - JUL 2014 *Data Analyst, C (ASCP)*

- Conducted quality assurance and analytical reviews across multiple instruments
- Interpreted and validated complex lab datasets, ensuring regulatory compliance
- Trained new analysts and reviewed SOPs for accuracy and best practices
- Troubleshoot and maintained laboratory instrumentation

Lab Technologist AUG 2007 - DEC 2010

- Supported drug testing data workflows by extracting and preparing clinical samples
- Ensured timely and accurate test result delivery through organized lab practices
- Assisted in research regarding test efficacy in the Clinical Drugs of Abuse Lab



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PERSONAL INTERESTS

- Photography
- Pottery
- Playing the guitar
- Adventures with my two boys

PROFESSIONAL DEVELOPMENT

Ongoing commitment to education

2022 - Currently

- AWS Certified Cloud Practitioner - Digital Cloud Training (April 2025)
- Become a Data Analyst - (Python, Excel, SQL, Power BI) - 247 Learning (Jan 2025)
- Product Management 101 - Todd Birzer (Sept 2023)
- The Concise Product Management Course - Charles Du (Sept 2023)
- Basics of Clinical Data Management - Surabhi Jain (Nov 2022)
- Intro to Hospital Information Systems - Prof. Candelario (May 2022)