

KAYLA ANN KUHLMAN

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I am a motivated full-stack web developer new to the field. With a background in analytical chemistry and quality management, I bring a strong problem-solving skill-set to the table. I am currently enrolled in a MERN Full Stack Development program at the U of M (to be completed March 2020).

I enjoy using code to solve problems, big and small. I also understand the importance of a good user interface so that the functionality and efficiency of your application can be fully utilized.

WORK EXPERIENCE

Analytical Chemist II

11/2018 to Present

Minnesota Department of Transportation

Maplewood, MN

- Followed established protocols to complete the analytical testing of various road materials such as cement and paint products on a daily basis
- Calibrated and safely operated all laboratory equipment
- Assisted IT department in the new test result database deployment by testing the application and providing feedback
- Set-up access databases for various labs within the organization for temporary use during the transition of the new test result database

Quality Manager/Chemist

05/2014 to 11/2018

Dyne Fire Protection Labs

Woodbury, MN

Lab Support Temp Employee - Lab Analyst, 05/2014 - 11/2014

- Completed analytical chemical analysis of various fire protection products on a daily basis
- Lead internal calibrations and executed troubleshooting for all equipment
- Completed internal research for testing improvements and presented analysis to laboratory team utilizing tools such as access database queries and excel functions
- Managed ISO 9001 quality system for the entire company and sent out monthly updates to top management on the status of the quality objectives as well as lead quarterly management review meetings
- Lead the transition of the company to ISO 9001: 2015 from ISO 9001: 2008
- Set up three repeatability and reproducibility studies and analyzed results for uncertainty calculations
- Worked with a team in the development and the successful implementation of new testing services
- Communicated all failing results to customers as well as writing over 5 monthly technical articles

SKILLS

MERN Full-Stack Web Development

Skills in: HTML5, CSS3, javaScript/AJAX, jQuery, Bootstrap, React.js

Currently developing Skills in: Node.js, MongoDB, MySQL, Java, Git

Problem Solving and troubleshooting abilities

Quality Management

EDUCATION

Winona State University

Bachelor's

Chemistry

Winona, MN

2010 to 2014