

KAYLA ANN KUHLMAN

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SUMMARY

Motivated full-stack web developer with a background in chemistry and quality management and a recent graduate from the University of Minnesota's Coding Bootcamp. Committed to continuous learning, adaptability, collaboration, and delivering successful results.

TECHNICAL SKILLS

Front End: JavaScript, JQuery, React, Angular, HTML, CSS, Bootstrap, and responsive design

Back End: JSON/API, AJAX Calls, MongoDB, MySQL, Express, Node.js, and React Router

Other: Git/GitHub, Heroku, MS Access, MS Excel, SOP Writing

PROJECTS

03/2020 - **Nuggets** • *Dashboard for parents and children to manage chores* • github.com/kaykuhl/nuggets

- React, Node.js, Express Server, MySQL database, JSON/API, User Authentication
- Contributions: Backend development, MySQL schema, API Routes, JavaScript (AJAX/API Calls)

01/2020 - **Pika-Choose!** • *Pokémon team builder* • github.com/kaykuhl/pika-choose

- Node.js, Express Server, MySQL database, Handlebars Template Engine, JSON/API
- Contributions: Frontend development and design

11/2019 - **Global Eats** • *Recipe generator based on user selection* • github.com/kaykuhl/project-1

- HTML, CSS, JavaScript, Responsive Design, API
 - Contributions: Backend development, JavaScript (AJAX/API Calls) and design
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EXPERIENCE

11/2018 to Present - **Analytical Chemist II** at the Minnesota Department of Transportation - Maplewood, MN

Responsible for the chemical testing of road materials for MnDOT at the Office of Materials and Road Research Lab.

- Tested hundreds of cement, paint, and aggregate samples and generated reports in a timely manner
- Rewrote testing SOPs by implementing clear language and adding details for ease of training employees
- Set up access databases for temporary use during the transition of a new database so that productivity wouldn't be affected during that time

05/2014 to 11/2018 - **Quality Manager/Chemist** at Dyne Fire Protection Labs - Woodbury, MN

Responsible for managing a certified ISO 9001 (and 17025 compliant) quality system as well as chemical and physical testing fire protection products.

- Tested thousands of samples including fire fighting foam and fire sprinklers in a timely manner
 - Fully trained 7 employees in the laboratory
 - Lead the transition of the company to ISO 9001:2015 from ISO 9001:2008 by adding new requirements to the system so that Dyne stayed ISO compliant
 - Facilitated over 10 management review meetings for the entire company of 12 people
 - Collaborated in the development and implementation of 2 new testing services (sprinkler and dry chemical)
 - Completed internal research on the performance of specific fire fighting foam products by utilizing access database queries and pivot tables which lead to testing improvements
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EDUCATION

09/2019 to 03/2020 - **Full-Stack Web Development Certificate**

University of Minnesota/Trilogy Coding Bootcamp - St Paul, MN

08/2010 to 05/2014 - **Bachelor of Science in Chemistry**

Winona State University - Winona, MN