

Jennifer Kiesler

Sun Prairie, WI

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GitHub: <https://github.com/JenniferKiesler>

Portfolio: <https://jenniferkiesler.github.io/kiesler-react-portfolio/>

LinkedIn: <https://www.linkedin.com/in/jennifer-kiesler-aa469591/>

Summary

Software Developer with excellent problem solving skills. Acquired many transferable skills through experience working as a science teacher and researcher including critical thinking, communication, collaboration, ability to adapt quickly, attention to detail, and time management. Created many applications independently and as part of a group by using the skills acquired through a coding bootcamp and previous careers.

Technical Skills

MERN, React, JavaScript, GitHub, Git, HTML, CSS, jQuery, Bootstrap, REST APIs, Node.js, Express.js, SQL, Postman, Sequelize, Handlebars, NoSQL, GraphQL

Projects

Remembrall | <https://github.com/jonpfluger/remembrall-game.git> | <https://lit-cove-97949.herokuapp.com/>

React, MongoDB/Mongoose, GraphQL, Apollo Server, Apollo Client, Node.js/Express.js, Bootstrap

- Full Stack application
- Group project (5)
- This application lets a user play a Harry Potter themed memory card game.
- Worked on the typeDefs, resolvers, mutations, and queries.
- Rendered and randomized the set of cards for each game.
- Rendered the spell cards and created their function.
- Deletes spell card when spell is used.
- Optimized game mechanics and functionality.
- Improved the leaderboard page.

House Rules | <https://github.com/jonpfluger/house-rules.git> | <https://house-rules.herokuapp.com/>

JavaScript, Express.js, Sequelize, MySQL, Handlebars, Bootstrap, MVC, Anime.js, Cloudinary

- Full Stack application
- Group project (5)
- This application lets a user read posts about different types of games and write their own reviews.
- Created and collaborated on the view routes.
- Created event listeners to create, edit, or delete a post.
- Assisted with handlebar views.
- Populated the different values of the post being edited in the view.
- Added the edit function for the image url in a post.

Toss Me A Book | <https://github.com/JenniferKiesler/toss-me-a-book.git> |

<https://jenniferkiesler.github.io/toss-me-a-book/>

HTML, CSS, Bulma, JavaScript, OpenLibrary API, Books API

- Front End application
- Group project (4)
- Project Manager and Lead Developer
- This application enables the user to find books using various filters including subject, title, and author. The application also allows the user to randomly select a book from the NYT best seller list.
- Created and collaborated with the requests to the APIs.
- Utilized data from the API request to create and append the info of a book to the application.
- Created the function for the favorite icon.
- Added local storage function and rendered "favorited" books to favorites page.
- Designed and created the favorites page.

Education

University of Wisconsin Coding Bootcamp (Madison, WI) February 2023
Certificate in Full Stack Web Development

University of Wisconsin-Milwaukee (Milwaukee, WI) May 2018
Biology and Chemistry Teaching Certifications

University of Wisconsin-La Crosse (La Crosse, WI) May 2014
Bachelor of Science (BS), Biology Major, Cellular/Molecular Emphasis, Chemistry Minor

Professional Experience

Science Teacher August 2018-June 2021

Marshall High School, Denmark High School

- Managed 4-6 different classes with an average of 20 students per class while implementing multiple curriculums and lesson plans. Continuously analyzed the effectiveness of lessons/activities to increase student engagement and learning.
- Adapted to teaching remote and in-class students simultaneously by creating more accessible materials and activities which allowed for all students to learn and succeed.
- Collaborated with co-workers to create new curriculums that met evolving standards required for students to be successful outside of high school.
- Instructed and presented information in a clear and concise way by utilizing various methods including engaging visuals and auditory cues to increase student learning.
- Differentiated lessons by determining which methods would work best for each class/individual student to allow for more students to be successful in the classroom.

Research Associate June 2016-June 2017

Aurora Health Care

- Utilized problem solving and critical thinking skills to interpret data and the results of assays. Enhanced procedures to ensure processes were completed correctly and results were accurate and repeatable.
- Maintained lab notebook and organized detailed information pertaining to tasks concluded each day which allowed for simplified analysis and comparison of the data.
- Improved the methods for processing different tumor samples and maintaining tissue cultures which increased the success of growing tissue cultures.
- Wrote and maintained a tissue culture database by assessing tissue cultures already in storage and growing/storing additional tissue cultures. This improved the process to find tissue samples needed for experiments and increased the amount of samples available for research.