

Emily Kruse

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Portfolio: emilyk221.github.io/portfolio/

Full Stack Web Developer and life-long learner with a genetics healthcare background. Recently earned a certificate in Full Stack Web Development from the Ohio State University Coding Bootcamp, expanding my self-motivation, teamwork, and time-management skills in a remote-learning environment. Seeking to continue learning in a collaborative community solving meaningful problems.

Technical Skills

Javascript, CSS, HTML5, GitHub, Git, JQuery, Bootstrap, Luxon, Node.js, Agile Development, Object Oriented Programming, Test Driven Development, Express.js, MySQL, Sequelize, MongoDB, Mongoose, GraphQL, Handlebars, React, MERN stack

Projects

RentIt | <https://github.com/ek33450505/octo-chainsaw> | app-rentit.herokuapp.com

- Full stack app allows users to rent items from other individuals and post items for rent
- Role: Full Stack collaborator
- Tools: Javascript, Node.js, Express.js, MySQL, Sequelize, RESTful API, JWT, Bootstrap, React

Coding-Compass | github.com/hienm9/Coding-Compass | coding-compass.herokuapp.com

- Full stack app allows users to view coding bootcamps, add a rating and/or comment to a bootcamp
- Role: Back-end API routes collaborator
- Tools: Javascript, Node.js, Express.js, MySQL, Sequelize, Bootstrap, Handlebars, Raty-js

Tech Blog | github.com/emilyk221/Blog | young-falls-35521.herokuapp.com

- Full stack app allows users to add, edit, or delete posts, comment on a post, and read the posts and comments of others
- Role: Sole author
- Tools: Javascript, Node.js, Express.js, MySQL, Sequelize, Handlebars

Weather Dashboard | github.com/emilyk221/weather-dashboard | emilyk221.github.io/weather-dashboard

- Front end app displays current and forecasted weather in cities, storing search history in local storage
- Role: Sole author
- Tools: HTML, CSS, Bootstrap, Javascript, API, Luxon

Experience

OCTOBER 2021 - PRESENT

Balanced Family Academy-Clintonville, Columbus, OH - Teacher Assistant

- Fostered engaging learning environment and facilitated classroom activities for up to 20 children, newborn to 4 years old
- Managed daily supply inventory and safety in individual classrooms as well as trained new hires
- Received "Above and Beyond" bonus for dependability, positive attitude and job performance

JULY 2011 - JULY 2021

OSU Wexner Medical Center, Columbus, OH - Cytogenetics Laboratory Technologist

- Performed clinical genetics laboratory testing on cancer patient samples, including cell culturing, cell-cycle manipulation, molecular DNA-tagging, and fluorescent and brightfield microscopy
- Analyzed banding patterns of human chromosomes, completing 40 karyotypes per day on average
- Collaboratively improved workflow efficiency and written procedures as well as trained new hires

Education

Certificate, Full Stack Web Development - The Ohio State University, Columbus, OH

Bachelor of Science, Cytogenetics - The University of Texas Health Science Center, San Antonio, TX

Bachelor of Science, Genetics and Psychology - Texas A&M University, College Station, TX