

Catherine Matson

[Email](#) | [LinkedIn](#) | [GitHub](#)

TECHNICAL SKILLS

Languages: Typescript, JavaScript, SQL, JSON, EJS, CSS, HTML

Libraries and Frameworks: React, Express, Node.js, Bootstrap, Semantic UI

Databases and other: PostgreSQL, MongoDB, Sequelize, RESTful Routing, JSON API

TECHNICAL PROJECTS

Cookbook App - [App](#) | [GitHub](#) - JavaScript | CSS | EJS

- A MEN-stack application with full CRUD functionality. The “Class Cookbook” app allows users to collect recipe links to share with friends.

Undersea Adventure Game - [App](#) | [GitHub](#) - Vanilla JavaScript | CSS | HTML

- A Choose-Your-Own-Adventure style game built to utilize array indexing to advance the story based on the user's choices.

EXPERIENCE

Software Engineering Fellow at General Assembly

Seattle, WA, 11/2022 - Present

- Full-stack software engineering 500+ hour training program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies.
- Proven track record of picking up new technology quickly in a fast-paced and rapidly changing collaborative environment.

Project Coordinator at Clean Energy Institute, University of Washington

Seattle, WA, 06/2022 - 11/2022.

- Managed a team of five to run the Clean Energy Seminar Course for a complete cycle, attending to all aspects of planning, travel, and budget. Implemented communication and marketing strategies that doubled audience attendance from the 2021 - 2022 academic year.
- Utilized problem-solving strategies to transition the department's cloud storage from Google Suite to Microsoft Office Suite.

Science Teacher at Seattle Public Schools

Seattle, WA, 02/2019 - 06/2022

- Onboarded 150 students to Microsoft Office 365, Teams, and OneNote using original training materials with Universal Design for Learning to meet accessibility needs.
- Using data, I increased students' ability to create and use models to predict phenomena from 25% to 95% within four months, reaching company goals in half the anticipated timeline.

Technical Instructor at Institute for Systems Biology

Seattle, WA, 06/2019 - 07/2019

- Designed and implemented a lab-based science course on Systems Biology, Bioethics, and Genetic Research for 24 students from 10 local school districts.
- Demystified scientific technologies for students, including Cytospace and bioinformatics tools, to engage student's analytical and mathematical skills

EDUCATION

The University of Washington, Bachelor of Science in Biology/ Biological Sciences
Western Governor University, Master of Arts in Science Education

Seattle, WA
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