

# Molly R. Kizer

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| LinkedIn: [bit.ly/mkLinkedIn](https://bit.ly/mkLinkedIn) | GitHub: [bit.ly/githubProf](https://bit.ly/githubProf) | Portfolio: [bit.ly/delpoyedPortf](https://bit.ly/delpoyedPortf) |

A quick-learning, self-motivated full-stack web developer with experience building dynamic and responsive web applications both independently and as part of a team. A mediator (INFP) on the Myers-Briggs scale, is able to listen to and empathize with others to understand different perspectives and needs to design and improve the functionality and UX of apps.

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## TECHNICAL SKILLS

**Frontend:** HTML5, CSS, JavaScript, jQuery, Bootstrap, Materialize, AJAX, Handlebars, ApexCharts

**Backend:** Node.js, Express, MySQL, Sequelize, MongoDB, Passport

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## PROJECTS

### Ascent

Front End Graphics

[bit.ly/AscentGHrepo](https://bit.ly/AscentGHrepo) | [bit.ly/deplAscent](https://bit.ly/deplAscent)

- A sobriety tool that helps members track their continuous and discontinuous lengths of sobriety as well as their daily mood and thoughts.
- It authenticates user sign-in; saves user check-in data to display sobriety graphically and populate journal entries; provides resources based on mood.
- I created a handlebars template for the homepage with a chart and badges displaying length of sobriety; pulled from database to populate the data tracking; set up call to API to get and display quotes.
- Node.js, Express, MySQL/Sequelize, Handlebars, ApexCharts, Bootstrap, CSS, jQuery/JavaScript

### High Card Picks Dinner

Store and Display History Data

[bit.ly/githubHCPD](https://bit.ly/githubHCPD) | [bit.ly/deplHCPD](https://bit.ly/deplHCPD)

- A relationship saver - this fully responsive app helps people to fairly decide who picks dinner and find quality dinner choices.
- It allows the users to compete to pick dinner and provides recipes to search through; then the winner and their meal option is saved in local storage to be displayed on the leaderboard with a graph showing the "winner circle".
- I was responsible for data storage and to display past winners/meals and the winner circle; I also worked on troubleshooting API requests.
- HTML, CSS, Materialize, jQuery/JavaScript, MomentJS, AnimateCSS, Chart.js, Coolers

### Virtual Burger Bar

Front and Back End

[bit.ly/githubBurger](https://bit.ly/githubBurger) | [bit.ly/deplBurger](https://bit.ly/deplBurger)

- A calorie free, mess free way to dream up your favorite burger combinations and eat them all you want!
- I designed and built this responsive CRUD application which allows the user to visit a virtual burger bar to create, devour and delete burgers.
- Node.js, Express, MySQL, Handlebars, Materialize, HTML, CSS, jQuery/JavaScript

## **WORK EXPERIENCE**

### **Sanford High School**

**2017 - Present**

Science Teacher

Sanford, ME

- Planned lessons and presentations both independently and collaboratively to teach Physical Science and Biology to 3 - 4 classes of up to 26 students in the 9th and 10th grades.
- Constantly assessed student understanding and adapted future lessons based on results.
- Collected and analyzed student feedback to provide more relevant and interesting lessons.
- Communicated with students, and parents when necessary, to clarify what was necessary to succeed.
- Experimented with a variety of technologies to engage students and improve instruction.

### **Nokomis Regional High School**

**2014- 2016**

Science Teacher

Newport, ME

- Planned lessons and presentations both independently and collaboratively to teach Chemistry, Biology, Environmental Science, and Forensics to classes of up to 26 students.
- Continuously collected student input to tailor instruction to their needs and interests.
- Researched and evaluated the effectiveness of new student engagement strategies.

### **United Cerebral Palsy of Maine**

**2011- 2013**

Behavioral Health Professional

Bangor, ME

- Provided support and guidance to children and their families to improve their functioning at home and in the community.
- Made careful observations and took detailed notes to share with other providers.

### **Organic Farms in Maine**

**2009 - 2011**

Organic Farming Apprentice

Throughout ME

- Educated the community about local organic food and plant care through work at farmers markets.
- Utilized knowledge of plant and ecosystem biology to design farm plots and successfully grow fruits and vegetables.

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## **EDUCATION**

### **UNH Coding Boot Camp**

**December 2020**

Certificate in Full-Stack Web Development, upon completion

### **MITx (EdX)**

**August 2020**

Certificate: Intro to CS & Programming with Python

### **University of Maine, Orono**

**May 2014**

Master's of Arts in Teaching

### **Boston University**

**May 2004**

Bachelor's of Arts in Psychology