

# KRISTIN RICHIE

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[GitHub](#) | [Portfolio](#)

## SUMMARY

Dynamic and motivated Junior Software Developer with a full stack web development certificate from Rice University. Possessing over 5 years of experience in teaching and curriculum development, I excel in effectively communicating complex concepts, fostering collaborative environments, and leading teams toward achieving common goals. My background in academia and teaching has honed my problem-solving and critical thinking abilities, which I now apply to tackle software development challenges with precision and innovation. I am eager to leverage my diverse skill set and passion for web development in order to contribute to an agile software development team.

## TECHNICAL SKILLS

Client Side: HTML, CSS, JavaScript, React, Python, Jinja, Bootstrap, JQuery, Handlebars.js

Server Side: Node.js, Express.js, MySQL & Sequelize, MongoDB & Mongoose, GraphQL & Apollo, Flask, SQLAlchemy

Other: Jest, GitHub, GitHub Pages, Heroku, Render, Netlify, Chrome & React Developer Tools

## PROJECTS

**Huddle** | [GitHub](#) | **Deployed Project**: <https://rocky-taiga-01843-d9e019c27e3f.herokuapp.com/>

- A student-focused application designed to facilitate the sharing of ideas and writing through a user-friendly blog format in order to foster collaboration among peers.
- As my first solo project, I was involved in every aspect of creating this application, from front-end to back-end. My primary focus was on back-end development, where my passion lies, particularly in data management and routing.
- Technologies used in the implementation of the application were React, Node.js, Express.js, MySQL2 & Sequelize, Javascript, and Heroku to deploy the project.

**Huddle** | [GitHub](#) | **Deployed Project**: <https://pure-falls-37475-b827dca668fb.herokuapp.com/login>

- A file hosting application developed to allow users to upload, store, and share images.
- I was instrumental in the project's development, setting up user and home routes on the server-side while implementing Handlebars.js and CSS on the client-side.
- Technologies used in the implementation of the application were Handlebars.js, Node.js, Express.js, MySQL2 & Sequelize, Bcrypt, Multer, and Heroku to deploy the project.

**GrocerEZ** | [GitHub](#) | **Deployed Project**: <https://kristin611.github.io/GrocerEZ/>

- An application designed to give home cooks a seamless way to shop for the ingredients from a recipe of their choosing. Users can add the ingredients to an EZ shopping list generated by the application.
- I assumed the role of team lead, delegating tasks to team members and ensuring project milestones were met. I contributed to the development of the project by implementing HTML, CSS, and JavaScript functionalities.

- HTML, CSS, JavaScript, and Bootstrap were used to create the application, as well as the Spoonacular and Weather APIs. GitHub was used to deploy the application.

## EXPERIENCE

### **Adjunct Professor of Sociology**

2018 – Present

#### **Lone Star College**

Houston, TX

- Effectively communicate complex sociological concepts, methods, and theories, ensuring clear comprehension and engagement among students.
- Facilitate engaging classroom discussions conducive to open communication and critical thinking.
- Design lesson plans that assess program and student learning outcomes.
- Use formative and summative assessments to measure student learning.
- Provide mentorship and guidance to students, offering valuable support and advice to enhance their academic and personal growth.

### **Adjunct Professor of Sociology**

2017 – Present

#### **Houston Community College**

Houston, TX

- Adapt traditional lesson plans into engaging online formats through proficient utilization of Learning Management Systems (LMS).
- Develop interactive and stimulating assignments tailored for optimal engagement within online learning platforms.
- Design comprehensive lesson plans and assessments to evaluate and measure program and student learning outcomes.
- Develop strategic social media initiatives to enhance student engagement and drive enrollment growth.

#### **Key accomplishments:**

- Consistently received top ratings from students on course evaluations, reflecting teaching effectiveness.
- Led a social media campaign to bolster enrollment numbers.

## EDUCATION

### **Certificate, Full Stack Web Development**

*Rice University, Houston, TX February 2024*

### **Master of Arts, Sociology**

*University of Houston, Houston, TX August 2016*

### **Bachelor of Arts, Political Science and Sociology**

*University of Houston, Houston, TX December 2012*

