

Rachel Kroetch

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

Technical Skills

Languages: JavaScript, CSS, HTML, SQL, JSX

Applications: GitHub, MySQL, Heroku, MongoDB, Robo 3T, Postman, MongoDB Atlas

Tools/Libraries: Express, Node, React, React-Native, Axios, Jest, Handlebars, jQuery, Bootstrap, Sequelize, Passport, Mongoose, JSON Web Token, Bcrypt, PostgreSQL, Foundation, JawsDB, IndexedDB

Personal Skills

Leadership, problem solving, time management, organization, attention to detail

Education

Full Stack Web Development Certificate

September 2020 - March 2021

University of California, Davis – Continuing and Professional Education

Bachelor of Science in Neurobiology, Physiology, and Behavior

September 2016 - June 2020

University of California, Davis | GPA: 3.43

Experience

Web Engineer - Intern

May 2022 - August 2022

Qualtrics

Seattle, WA

- Remotely communicate with my mentor in Serbia, despite a challenging 9 hour time difference
- Own a new feature, to be used in production, by collaborating with designers and software engineers
- Attend sprint reviews and perform demos for our international team
- Write unit tests using Jest and react testing library

Full Stack Developer

July 2021 - July 2022

GymRat LLC

Remote

- Collaborate with a team of eight people to build the MVP of a pre-seed startup app, now available on the iOS app store
- Write the routes for uploading and managing images on the app using the Multer library on the back-end
- Establish API and user authentication with Passport.js and JWT

Coding Instructor

October 2021 - January 2022

Code With Us

Campbell, CA

- Lead small groups of students through 1 hour lessons on JavaScript, Python, robotics, Minecraft Modding, or Scratch
- Emphasize the importance of understanding data structures, conditional statements, loops, and data types.
- Communicate with parents about student progress each week

Projects

Escape Room:

About: A virtual escape room game where users solve riddles, complete puzzles, and find clues to "escape" and win.

Contributions:

- App idea and general plan/user flow
- All things back-end (database, models, API routes, server connection, user authentication, password encryption)
- React front-end (app navigation: BrowserRouter routes including protected routes, axios to connect the front and back, state management of users and puzzles)
- The Safe puzzle and Leader Board (styling, concept, and execution)

Technologies: JavaScript, React, React-drag-drop-container, Node, Express, MongoDB, Mongoose, Passport, JSON Web Token, Bcrypt, CSS, Bootstrap, Font Awesome, and deployed on Heroku with MongoDB Atlas.

Deployed Link: <https://react-escape-room.herokuapp.com/> | **GitHub Repo:** <https://github.com/rekroetch/escape-room>