Shay Wacker

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**SOFTWARE ENGINEER**

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Full Stack Engineer with 5 years experience as a Science and Math teacher. With a background in Education I prioritize competing tasks under pressure, meet deadlines, take on leadership roles for the team and collaborate with teachers and staff. I worked on incorporating and implementing new technology into classrooms, which led me to my true passion of software development. My experience includes team development, software development, conflict resolution & data analysis.

**TECHNICAL ENGINEER**

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Javascript, React.js, Ruby, Rails, SQL, Postgres, Git, HTML, CSS

**TECHNICAL PROJECTS**

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**Buy The Room** - [Website](https://buy-the-room-frontend.herokuapp.com/rooms) | [Github](https://github.com/shay2442/buy-the-room-frontend) | [Demo](https://www.loom.com/share/80bd1191bfac42ac8b88e21c0077baab)

* Created a single page web app to allow users to buy or sell an entire room instead of having to list several individual items on a marketplace
* Developed frontend with React.js along with custom CSS
* Integrated RESTful Rails api on the backend to create a new room
* Modeled Custom Database with Rails, Active record and PostgreSQL

**My Favorite Places App**- [Github](https://github.com/shay2442/my-favorite-places-app-frontend) | Demo

* Created a single page web app to allow users to store and keep track of their favorite visited places
* React frontend and Ruby on Rails backend

**PROFESSIONAL EXPERIENCE**

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**ESL Teacher, 4th Grade, Pillow Elementary** **August 2012 – May 2017**

* Taught ~50 students math and science per day and maintained and documented records
* Contributed to the increase of the math STAAR results from 50% to a 66% passing rate
* Collaborated and worked effectively with ~10 team members to plan engaging lessons
* Researched and implemented latest curriculum technology and tools

**Summer School Teacher, Kindergarten - 5th Grade June 2015**

* Prepared and distributed curriculum and resources for the teachers to use during the summer session
* Developed and implemented systems for monitoring the campus and classrooms daily
* Communicated with teachers and parents daily about important updates and scheduled events

**EDUCATION AND CERTIFICATIONS**

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**Flatiron School, NY**   **July 2022** Full Stack Engineer, Ruby on Rails and JavaScript program and React.js

**University of Northern Colorado,** Greeley, Colorado **May** **2021**

Bachelor of English and Minor in Secondary Education