Shay Wacker

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Software Engineer

- Full Stack Engineer with a prior background in Education. My experience includes team development, conflict resolution & data analysis. 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 to increase equitable outcomes for the learners of Austin ISD.

Technical Projects

Buy The Room - Website | Github | Demo
- 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 front end with React.js along with custom CSS
- Integrated RESTful Rails api
- Modeled Custom Database with Rails, Active record and PostgresSQL

My Favorite Places App- Github | Demo
- Created a single page web app to allow users to store and keep track of their favorite places they have visited
- React frontend and Ruby on Rails backend

Technical Experience

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

Professional Experience

ESL Teacher, 4th Grade, Pillow Elementary
August 2012 – May 2017
Demographic Information: Title I Campus, Population size: 570; Economically Disadvantaged – 69.5%; ESL – 38%; Mobility Rate – 23%
- Collaborated and worked effectively with team members to plan appropriate and engaging lessons according to the Texas TEKS.
- Maintained a safe and welcoming classroom environment where students actively learn and participate in lessons.
- Differentiated instruction to meet the varying needs of all students.
- Collected and maintained records of students and test data confidentially.
- Monitored the effective use of classroom resources and supplies.
- Led weekly team math meeting and monthly vertical alignment math meetings.
- Tutored students on mandated fourth grade TEKS to ensure their success on the STAAR.
- Assisted in the increase of the math STAAR results for fourth grade from 50% to a 66% passing rate.

Summer School Teacher, Kindergarten - 5th Grade
June 2015
- Developed and implemented systems for monitoring the campus and classrooms daily.
- Monitored and documented daily attendance rate for admitted students.
- Communicated with teachers and parents daily about important updates and scheduled events.
- Prepared and distributed curriculum and resources for the teachers to use during the summer session.
- Prepared master documents of student enrollment, contact information, and bus route schedules.

Education and Certifications

Flatiron School   New York, NY
Full Stack Engineer, Ruby on Rails and JavaScript program and React.js   8/2021-7/2022

University of Northern Colorado   Greeley, Colorado
Bachelor of English   May 2012
Minor in Secondary Education