John Garbero

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Website | LinkedIn | Github | Blog

SOFTWARE ENGINEER

Software engineer and social scientist with a proclivity for problem-solving and developing useful products. Synthesizes solutions from data and problems by discerning what is necessary to achieve team goals. Understands big picture ideas and how to practically achieve them. Brings together technical skills and knowledge of social forces to improve society.

TECHNICAL SKILLS

Ruby, Rails, SQL, PostgreSQL, JavaScript, React, Redux, HTML, CSS, Material UI, Heroku, Git/Github, R, Stata, NVivo, Qualitative Interviewing

TECHNICAL PROJECTS

Speaking in Poems - Github | Website
Developed app for clients to create, share, favorite, and comment on a large variety of poems.
- Implemented authentication and authorization using Ruby on Rails to allow clients to perform CRUD actions.
- Displayed multiple models with complex relationships using aliasing, giving the client permission to only perform CRUD actions on their own content.
- Leveraged Material UI and CSS to provide a visually satisfying user experience.

Dishes to Fulfill Your Wishes - Github | Website
Collaborated with team to build an app for clients to login, select, create, edit, and review public recipes.
- Rendered complex data with multiple models in Ruby on Rails onto a React frontend using timed fetch requests so the client can view their info, recipes, and reviews without any errors.
- Seeded the database with original data in Ruby on Rails so the client can view both reviews and recipes upon creating an account.
- Used Material UI to provide a seamless user experience.

The Kitty Collective - Github frontend | Github backend | Website
Collaborated with team to build an app for the user to search a vast array of cats according to any attribute, add to the collection of cats, and favorite any cat.
- Constructed a large collection of cats from an outside source so that the client can browse a large variety of cats.
- Created a search feature using React and Material UI allowing the client to search the collection of cats according to their attributes.
- Implemented CRUD in React so that the client can view, create, favorite, unfavorite, and delete a cat card.

PROFESSIONAL EXPERIENCE

Kelly Services   St. Louis, MO
Substitute Teacher   03/2022 - Present
- Led over 20 classrooms of over 200 different students.
- Reported back to teachers on their students and their progress.

Indiana University   Bloomington, IN
Student Academic Appointee   08/2019 - 01/2022
- Designed and taught college level sociology course for over 40 undergraduate students.
- Maintained and carried out teaching, grading, and research tasks of several sociology faculty at Indiana University.
- Conducted independent and collaborative research using both qualitative and statistical software.

Brigham Young University   Provo, UT
Teaching and Research Assistant   01/2018-05/2019
- Handled up to four simultaneous research assignments and TA roles with professionalism and punctuality.
- Assisted nearly a dozen different faculty with their research projects, grading tasks, and curriculum planning.

EDUCATION

Flatiron School   St. Louis, MO
Full Stack Web Development   05/2022 - 08/2022

Indiana University (GPA: 3.89)   Bloomington, IN
Master of Arts (M.A.) Sociology   08/2020

Brigham Young University (GPA: 3.99)   Provo, UT
Bachelor of Science (B.S.) Sociology with honors, Magna Cum Laude   04/2019