

# Brisa Garcia Gonzales

## Software Engineer

Enthusiastic backend software engineer with the skills needed to help develop and maintain software programs and to make improvements that will enhance functionality. Ability to work with technical and abstract concepts efficiently, follow Test Driven Development, and easily pick up languages and frameworks.

## Experience

- Nov 2020  
- Jul 2021
- Backend Engineer**  
*Turing School of Software and Development*
- Design, develop, debug, deploy scalable new applications every 7-10 days
  - Explore best practices in agile project management and collaboration through various projects
  - Proficient with Ruby on Rails, Relational Databases, SQL, RESTful APIs, Caching, experience writing JavaScript in React and Node
- Jul 2020  
- Dec 2020
- Bike Field Specialist**  
*Peloton*
- Provided software support and education of bike product at 100% customer satisfaction
  - Innovated the delivery experience for members through covid phases
- Jul 2019  
- Apr 2020
- REDCap Systems Administrator & Research Assistant**  
*Denver Health Hospital and Authority*
- Successfully set up over 30 secure databases for projects
  - Wrote reusable unit and integration test for software to ensure quality control and identify bugs
  - Devised and automated identity and access management for REDCap
  - Wrote and designed the Office of Research quarterly newsletter
- Jul 2016  
- Jul 2019
- Educator/Performer and Field Correspondent**  
*Denver Museum of Nature and Science*
- Taught and created bilingual science curriculum
  - Provided paleontology and archaeology fieldwork assistance all over the United States which includes excavating fossils and artifacts

## Projects

### **Gifty**

Gifty is a full-stack application for users to remember friends' birthdays and add gift ideas. The backend server exposes RESTful APIs to be CRUD and optimizes search queries by caching external Etsy API responses.

### **Curious Camper**

Backend engine utilizes RESTful API endpoints and aggregates data from multiple external APIs to CRUD and filter through campsites, weather at the site, and prepares a road trip if the user is authenticated.

### **Rails Engine**

Backend engine of an eCommerce platform. The app exposes and designs 18 API endpoints to perform advanced ActiveRecord/SQL queries to analyze data stored in production databases.

Tech Stack For Projects: Ruby on Rails, React, PostgreSQL, Travis CI, Heroku, GitHub

## Contact

### Email

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### GitHub

<https://github.com/brisag>

### LinkedIn

[www.linkedin.com/in/brisa-garcia](http://www.linkedin.com/in/brisa-garcia)

## Skills

Object Oriented Programming

Ruby on Rails

PostgreSQL/SLQ

RESTful APIs

Test Driven Development

CRUD

Git workflow

CI/CD

Heroku

Agile Process

Critical Thinking

Communication

Collaboration

Coachable

## Education

### Back End Engineering

*Turing School of Software and Design,  
Aug 2021*

### Integrative Physiology

*University of Colorado Boulder,  
May 2017*