

# 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.

## Professional Experience

- Nov 2020  
- present
- Backend Engineer**  
*Turing School of Software and Development*
- Design, develop, debug, deploy 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, Javascript, React, Express/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 40 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

### Curious Camper

Curious Camper engine utilizes RESTful API endpoints and aggregates data from multiple external APIs to filter through campsites, weather at the site, and prepares a road trip if the user is authenticated. API is exposed for CRUD functionality and developed using TDD.

### Rails Engine

Rails Engine is the backend engine of an eCommerce site. The app exposes and designs 18 API endpoints to perform advanced queries to analyze data stored in production databases.

## Contact

### Email

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### Phone

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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/SQL

RESTful APIs

Test Driven Development

CRUD

Git workflow

Travis/CircleCI

Heroku

Agile Process

Critical thinking

Communication

Collaboration

## Education

### Turing School of Software and Design, Aug 2021

*Back End Engineering*

### University of Colorado Boulder, May 2017

*Integrative Physiology*