

# Artemy Gibson

Back-End Software Developer | They/Them

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## SKILLS

**Languages:** Ruby, Rails, SQL, ActiveRecord

**Testing:** RSpec, Test Driven Development (TDD)

**Tools/Workflow:** Git, GitHub, Render, Postman, RESTful API, Postico, Heroku

**Exposure:** HTML, CSS, GraphQL, Java, JUnit

## PROJECTS

**OnTrack, Group Project** | [Github Organization](#)

150 hours

Web application that helps users structure to-do lists, designed especially for people with executive dysfunction.

- Built front-end views, including forms to create and edit tasks, in addition to associated controllers and objects (POROs) to power them on the back end
- Created service and facade to connect to back end of application to provide CRUD functionality for task data
- Tech: RSpec, Ruby on Rails, ActiveRecord, HTML, SQL, OpenAI

**RefugeeAid, Group Project** | [Github Organization](#)

120 hours

Web application where organizations that help and/or host refugees can post requests for aid, and volunteers can look for requests near them to fulfill.

- Coordinated with group members to design and plan project functionality and JSON contract between front-end and back-end teams
- Integrated GraphQL into the Rails back-end application and built most query and mutation endpoints
- Tech: GraphQL, RSpec, Rails, ActiveRecord, React, Node.js, Cypress, CircleCI

## PROFESSIONAL EXPERIENCE

**Research Associate** | Conception Nurseries, Hillsboro, OR

June 2022 - March 2023

- Improved protocols for initiating new plants in vitro, reducing full initiation process time by **4 weeks**
- Wrote and/or consulted on Standard Operating Procedure documentation for **6 processes**
- Tracked, compiled, and reported media/hormone experiment data for **2-6 experiments weekly**

**Lab Supervisor** | Front Range Biosciences, Boulder, CO

Oct 2017 - Jun 2022

- Wrote **15 Standard Operating Procedures** in English and Spanish and trained teammates on protocols
- **Mentored 5 technicians** one-on-one to improve personal metrics and offer each a lab protocol to specialize in
- Designed and undertook a **solo research project** regarding polyploidy for three months

## EDUCATION

**Back-End Engineering Certificate** | Turing School of Software & Design

Nov 2023

**Bachelor of Science in Environmental Horticulture** | Colorado State University

May 2016

## VOLUNTEERING

**Mentor** | Turing School of Software & Design

June 2023 - Present

Providing technical and professional support for students in back-end engineering program

Subjects include: Ruby, Rails, RSpec, SQL, ActiveRecord, Git and GitHub, REST APIs