

# Angela Guardia

## Software Engineer

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🐙 [github.com/angelaguardia](https://github.com/angelaguardia)

## SKILLS

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Programming Languages: Ruby, SQL, HTML/CSS, Python, JavaScript  
Frameworks/Databases: Rails, PostgreSQL  
TDD: RSpec, Minitest, Capybara, Shoulda-Matchers, FactoryBot  
Technologies/Tools: GitHub/Git, ActiveRecord, Heroku, JSON, TravisCI, Bootstrap  
Concepts: OOP, REST, GraphQL, MVC, Mocks & Stubs, SOA, Agile

## OPEN SOURCE

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**Circulate** | Open Source Project | Ruby for Good Conference | [circulate-staging.herokuapp.com](https://circulate-staging.herokuapp.com)

- Operating system for lending libraries currently servicing the Chicago Tool Library
- Built a Holds and Loans page with a fully working "Checked-out Items" table
- Tech Stack: Ruby, Rails, Minitest, FactoryBot, PostgreSQL, ActiveRecord, Heroku

**Student Leader** | Open Source Student Group | Turing School | [github.com/Turing-Open-Source](https://github.com/Turing-Open-Source)

- Assist bootcamp students in making their first contributions to open-source software

## PROJECTS

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**Sweater Weather** | Solo Project | [github.com/AngelaGuardia/sweater\\_weather](https://github.com/AngelaGuardia/sweater_weather)

- REST API for a road trip planning app that returns a trip's details and the weather forecast for the destination
- Exposed 5 endpoints aggregating data from multiple external APIs
- Tech Stack: Ruby, Rails, RSpec, PostgreSQL, REST, MVC, Service/Facade Design

**My Solar Garden** | Group Project | [solar-garden-fe.herokuapp.com](https://solar-garden-fe.herokuapp.com)

- IoT application that allows users to get real-time information from their gardens via sensors
- Created a Python script to connect GrovePi sensors to a production database
- Wrote unit tests and integration tests to achieve high test coverage
- Tech Stack: Ruby, Rails, Python, RSpec, PostgreSQL, Heroku, TravisCI, REST, MVC, Service/Facade Design

**Eras** | Group Project | [github.com/Turing-Eras/api](https://github.com/Turing-Eras/api)

- GraphQL API for a frontend application that allows users to visualize their life through custom life calendars
- Created queries, types, and mutations for all the resources in the application
- Tech Stack: Ruby, Rails, RSpec, PostgreSQL, Heroku, TravisCI, GraphQL

## EXPERIENCE

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**Project Engineer** | KSI Engineering, Inc. | Bakersfield, CA, United States Apr 2018 - Jul 2019

- Created resource management dashboards using data analysis and integrating Asana and Microstrategy to shorten management meetings which saved 15+ management hours weekly

**Field Engineer** | Enbridge, Inc. | Fort St. John, BC, Canada Oct 2017 - Mar 2018

- Provided engineering support to sustain the operability and reliability of a 0.7BSCFD natural gas processing plant

**Measurement Engineer** | Enbridge, Inc. | Calgary, AB, Canada Jul 2016 - Sept 2017

- Designed and completed an inventory of all of the custody transfer points in the Western Canada gathering system (over 600) by gathering information from systems such as SAP, GIS, and SCADA

## EDUCATION

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**Turing School of Software and Design** | Back-End Software Engineering May 2020 - Jan 2021

**University of Alberta** | BSc. Mechanical Engineering - Biomedical Option Sep 2011 - Apr 2016