

# JACOB ARELLANO

Colorado-based Backend Engineer

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## SKILLS

- Ruby
- Rails
- Test Driven Development
- RSpec
- HTML/CSS
- SQL
- Active Record
- Heroku
- Git workflow
- Service oriented architecture
- Agile development
- PostgreSQL

## PROJECTS

### **Sweater Weather** | ([GitHub Repo](#)) ([Heroku Deployment](#))

A RESTful API built to serve roadtrippers with endpoints returning JSON info relevant for trips like destination weather and photos

- Consumes Flickr, Mapquest and OpenWeather APIs
- Leverages user authentication for certain endpoints to maintain a secure application
- Continuous Integration with Travis CI for stable and frequent deployments

### **Rails Engine** | ([GitHub Repo](#))

An API designed to power an Ecommerce web application

- Balances complex Active Record queries with speed to deliver information to a front end team
- Straight-forward documentation for easy developer use

### **Viewing Party** | ([GitHub Repo](#)) ([Heroku Deployment](#))

A web app for scheduling movie watch parties with other users on the site.

- Consumes MovieDB API for movie viewing information
- Database normalization allows for straightforward queries

## EXPERIENCE

### **Boulder County AIDS Project** | *Prevention Coordinator* (2018 - 2019)

- Administered HIV and Hepatitis C tests and helped clients navigate follow-up care
- Trained and supervised a group of ~10 volunteers that managed the reception area of the building
- Managed the pantry and the distribution of ~1000lbs of food to ~30 clients

### **CU Boulder** | *Operations Control Center Dispatcher* (2016 - 2018)

- Monitored critical research alarms and directed phone calls
- Determined and allocated appropriate resources to resolve reported issues

### **Boulder Community Health** | *Registrar* (2014 - 2016)

- Responsible for checking patients into their hospital appointments
- Provided clerical assistance to clinical staff in the emergency room

## EDUCATION

### **Turing School of Design** | *Backend Program* (2020 - 2021)

**CU Boulder** | *BA in Political Science*