

Colin Alexander

Backend Software Engineer

An intellectual, creative human with strong skills in Ruby on Rails



✉ colintalex@gmail.com

📞 (505)4123854

📍 Denver

🌐 linkedin.com/in/colintalex

🐙 github.com/colintalex

EDUCATION

Backend Engineering

Turing School of Software and Design

01/2020 - 08/2020

Denver, CO

- 1400+ hours invested in actual coding
- 40+ hours in Prof. Development

Highschool Diploma

Los Alamos Highschool

08/2004 - 05/2008

Los Alamos, NM

- Community Development Program Volunteer
- Provided acoustic research on nearby skateparks to push development for a local town park

WORK EXPERIENCE

Manager

MetroExpress CarWash

03/2017 - 06/2020

Sheridan, CO

Largest automated Car-wash in the US

- Provided hands on support and coordination for all site related issues, projects and renovations.
- Ranked in Top 1% of Gallup surveys for employee-workplace satisfaction during employment.
- Integrated customer-focused training for all staff members, reducing turnover by half while attributing to a consistent 30%+ yearly growth average.

Contact: Tyler Woosley - (303) 565-4740

Assistant Manager

Big5 Sporting Goods

09/2014 - 03/2017

Denver Metro

- Inventory Lead, responsible for efficient and accurate management to reduce losses and improve customer times.
- Streamlined receiving processes to reduce unload time by 1 hr, improving staff morale and increased work standards.
- Flexible, worked at 6 different locations throughout employment.

iOS Chat Support Agent

Volt Workforce Solutions

03/2011 - 09/2014

Las Cruces, NM

- Tasked with general troubleshooting for all technical issues related to any Apple iOS devices.
- Consistently achieved 99% customer-satisfaction rating.
- Provided one-on-one training to provide a helping hand for struggling agents.

March 25, 2021

SKILLS

Ruby on Rails

Node.js / Express

React

HTML

RSpec

CSS

Test Driven Development

REST API Dev.

Relational Database Management

Debugging

Continuous Deployment/Integration

Agile Workflow

Ubuntu Server OS

GraphQL/Rails

Professional Git

Professional Feedback

PERSONAL PROJECTS

SweaterWeather API(Solo) (2021)

- API designed to plan road trips, allow users to see the current weather as well as the forecasted weather at the destination.
- Aggregates data from multiple external APIs and endpoints, such as OpenWeather and MapQuest.
- Implements 100% TDD alongside clean, modular Rails architecture (Services, Poros, etc)
- Rails, SQLite, RSpec.

FindMyMarket - Web (Solo) (2020)

- Fullstack app designed for finding farmers market's near you! Chosen for the opportunity to challenge backend skills while exploring a popular frontend framework.
- Allows for full guest-user access, while registered users have the ability to save their favorite Markets for quick reference and market reminders.
- Node/Express, MongoDB, ReactJS.

USDA Farmers Market API (Team, Remote) (2020)

- Improved rendition of USDA API, providing fast and informative location based queries with options for market products and dates.
- Successfully implements GraphQL with test driven development, providing a new challenge in regards to endpoint testing.
- Utilizes USDA CSV files for seed data, providing a real-world exercise into cleaning/sorting large and dirty datasets.
- Rails API, GraphQL, RSpec.

INTERESTS

Database Integrity/Maintenance

Data Visualization

Automation/ Robotics

Animation Graphics

Outdoors

Business Concepts

Photography