

# SAMUEL COX

# BACKEND SOFTWARE ENGINEER

Parker, Colorado | (720) 238-7323 | samc1253@gmail.com

[LinkedIn](#) | [GitHub](#)

As a recent career changer from the automotive industry, I have transitioned into the world of software development with ease. Through rigorous training at the Turing School of Software and Design, I have become proficient in Ruby on Rails and Python. Prior to my career change, I held multiple roles in the automotive industry and gained valuable experience in various facets of the industry, including earning four promotions in four years. This diverse background, combined with my newfound expertise in software development, makes me a well-rounded and valuable addition to any team.

## SKILLS

### Languages/Frameworks:

- Ruby, SQL/PostgreSQL, Ruby on Rails, ActiveRecord, HTML, CSS, Python

### Testing:

- RSpec, Capybara, SimpleCov, WebMock, Faker, Factorybot, Test Driven Development

### Additional Concepts:

- Git/Github, Heroku, Bootstrap, Authentication, VIM, API Creation/Consumption, GraphQL

### Currently Learning:

- GoLang, JavaScript, React, Docker

## PROJECTS

### [Love Fern](#): Group Project with team of 6 and 9 day timeline

- Manufactured app with Service Oriented Architecture, creating both front and back end
- Learned to operate within a team using an agile workflow, adapting to different roles frequently
- Selected as a finalist in the Turing School's Demo Competition for its excellence

### [Viewing Party](#): Paired Project with 5 day timeline

- Consumed the Movie DB API to create viewing parties for movies
- Combined API data and local database information to create a smooth web application
- Used Bootstrap to style application with minimalist design, which was deployed using Heroku

### [Enigma](#): Solo Project with 5 day timeline

- Developed Ruby program to re-create the functionality of Alan Turing's Enigma Coding Machine
- Used logic to create a Command Line Interface to encode, decode, or crack a message
- Created method to crack messages given only the date sent and last 4 characters

## WORK EXPERIENCE

### SERVICE ADVISOR | Avalon Motorsports, Denver

02/2021 – 09/2022

- Efficiently interacted with a customer database to reconcile customer time with technician time
- Re-organized parts system to more consistently and accurately receive parts with minimal delays
- Set 11 monthly records for gross profit and increased year-on-year profit by 25%
- Hit these marks while keeping customer reviews overwhelmingly positive

### MULTIPLE ROLES | Schomp Honda, Highlands Ranch

09/2015 – 11/2019

- Hired originally as a Product Pro, explaining technology of new vehicles to clients
- Promoted to manage Product Pro Team due to success in this role
- Eventually promoted two more times, ending with success in vehicle sales, for 4 total promotions
- Achieved success in both customer facing and financial roles, proving versatility

## EDUCATION

09/2022 - 04/2023 | Turing School of Software and Design, 1500 Hours, Accredited