



# JOSHUA CAREY

## BACKEND SOFTWARE ENGINEER

jdcarey128@gmail.com | mobile: 937-925-0037

 [/jdcarey128](#) | [/carey-joshua](#) 

### SKILLS

Ruby/Rails	RSpec	Git/GitHub
PostgreSQL	TDD	Instruction
SQL	OOP	Management
GraphQL	ReST	

### PROJECTS

#### Carbon Knight | Turing 2021 heroku

Project implements service-oriented architecture and consumes Cloverly API to allow users to calculate and track their estimated carbon footprint. Rails frontend and backend, Sinatra microservice, GraphQL query interface, Travis CI, Google OAuth, and Bootstrap styling.

#### Rails Engine | Turing 2020

Rails backend solo project builds an API to expose fictional eCommerce data using ReSTful and NonReSTful endpoints. Business intelligence endpoints are provided utilizing advanced ActiveRecord queries.

#### Viewing Party | Turing 2020 heroku

Rails app consumes The Movie Database API and automates email invitations for organized movie watch parties with friend groups.

#### Monster Shop | Turing 2020 heroku

Rails app for a fictional eCommerce website. Developed strong understanding of MVC conventions, ActiveRecord/SQL queries, DB organization, and authentication/authorization best practices.

### EDUCATION

#### Turing School of Software and Design

Diploma in Backend Engineering

#### Dominican University

MAT Secondary Science Education

#### Miami University

BS Biochemistry

### PERSONAL PROFILE

As an experienced educator and coach, I am an effective team player and leader. Additionally, I am experienced working with new technologies and delivering applications and features within short timelines. I am Interested in systems architecture, optimization, and sustainability.

### WORK EXPERIENCE

#### Backend Engineer

Turing School of Software and Design | 7 months

Completed over 1,500 hours of backend training. Developed professional understanding and skillset for backend web development.

#### Database Manager

CDPHE | 9 months

Conducted data cleaning, ascertainment, and migration; created and maintained REDCap projects; designed training resources; and led trainings for state agencies.

#### AP/Biology Teacher and 10th Grade Team Lead

STRIVE Prep SMART Academy | 3 years

Designed and instructed network's founding AP biology curriculum, created exemplary units and resources for network, managed weekly grade-level MTSS meetings, and led after-school student activities.

#### Co-Coach, Men's Varsity Soccer

STRIVE Prep SMART Academy | 4 Years

Developed, sequenced, and led practices. Voted Confluence League Coach of the Year in 2018.

#### High School Science Teacher

Teach For America | 2 years

Instructed original chemistry, biology, and environmental science curricula at alternative high school in urban Chicago.