

DAVID ATKINS

SOFTWARE DEVELOPER

CONTACT



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d-atkins



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SKILLS

LANGUAGES

Elixir
Ruby
Python
HTML
CSS

DATABASES

SQL
PostgreSQL
MongoDB
Ecto
ActiveRecord

FRAMEWORKS

Phoenix
Rails
Flask

TESTING

TDD
RSpec
Minitest

SOFTWARE ENGINEERING

REST API
WebSockets
Git
CI/CD
OOP
SDLC

GraphQL
Absinthe
Github
Docker
FP
Agile

EDUCATION

TURING SCHOOL OF SOFTWARE AND DESIGN

Back-End Engineering Program
Ruby, Ruby on Rails, TDD, RSpec
October 2019 - June 2020
7 months, 3000+ hours
14 solo / group projects

UNIVERSITY OF NORTHERN CO

BS in Applied Mathematics
Emphasis on Computer Science
Minor in Asian Studies
August 2008 - December 2012

EXPERIENCE

TURBINE LABS

Back-End Engineer · September 2020 - December 2020

Elixir, Phoenix, GraphQL, Docker, GCP

Turbine Labs is a software platform that delivers personalized intelligence briefings and alerts to senior executive teams.

- Worked both autonomously and as part of a team to design, code, and test solutions in an Elixir API
- Collaborated with the team in an Agile software development environment to guide project design
- Took ownership of multiple projects
- Performed error hunting and utilized problem solving skills to fix bugs

AMAKUSA BOARD OF EDUCATION

Assistant Language Teacher · July 2017 - July 2019

- Promoted grass-roots internationalization as an English teacher in Japan
- Collaborated with over 30 teachers across 4 schools

DENVER PUBLIC SCHOOLS

Math Fellow · June 2015 - July 2017

- Planned and delivered daily personalized math instruction for 20 students
- Drove student performance with the promotion of growth mindset

PROJECTS

CIRCLE CHAT

GH: [circle-chat/cc-be](#)

Python, Flask, CircleCI, GCP, Docker

Circle Chat is a lightweight randomized matchmaking text chat application. The back-end makes use of WebSockets for bidirectional asynchronous interaction.

- Built from the ground up in two weeks using Agile processes
- Collaborated with front-end team to connect to front-end React app
- Rapidly learned and implemented Python, WebSocket, Docker, and MongoDB

MONSTER SHOP

GH: [d-atkins/monster_shop_1911](#)

Ruby, Rails, Heroku

Monster Shop is a fictitious E-commerce platform that can be used to browse, buy, and sell items over the internet.

- Expanded a brownfield project's functionality with over 50 user stories
- Led frequent and thorough code review in an Agile environment

RAILS ENGINE

GH: [d-atkins/rails_engine](#)

Ruby, Rails, API, Heroku

Rails Engine is a back-end API that exposes the data that powers a fictitious E-commerce application.

- Designed an API from scratch in a service-oriented architecture
- Enhanced front-end app's search capability through business intelligence endpoints utilizing advanced ActiveRecord queries