

# DEE HILL

## SOFTWARE ENGINEER

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### SKILLS

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- Ruby on Rails
- Ruby
- Rspec
- Postman
- PostgreSQL
- OOP
- Github
- TravisCi
- Heroku
- Postico
- VsCode
- CircleCi

### BACKEND PROJECTS

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#### Enigma

- Employed a Caesar Cipher-based encryption/decryption algorithm that writes messages via FileIO
- Allowed variable character string transformation using a combination of date based key and offset
- **Tech Stack: RSpec, Git, GitHub, SimpleCov**

#### Viewing Party | Deployed

- Built a Rails application that consumed an API, utilized many-to-many and self-referential databases
- **Tech Stack: Rails, RSpec, Git, GitHub, VCR, SimpleCov, TravisCI, Heroku**

#### Big Etsy Shop

- Fictitious e-commerce platform where merchants and admins can manage inventory and fulfill customer invoices.
- Implemented CRUD to manage user and application data in a relational database
- **Tech Stack: Ruby on Rails, ActiveRecord, SQL, RSpec, Git, GitHub Projects, Heroku**

#### Kick Match | Deployed

- Kick Match is to help kids 8-18yrs old who are competitive soccer players and their guardians find competitive soccer clubs in their area.
- Featuring a fully built Frontend application this was a six person project worked over the course of 80 hours
- **Tech Stack: GraphQL, Ruby, ActiveRecord, SQL, RSpec, Git, GitHub Organizations, Heroku, React, Javascript**

### RELEVANT EXPERIENCE

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#### City & County of Denver, Recreation Coordinator, Denver, CO

Jan 2014 – Mar 2020

- Identified community and customer needs and interests, assessed program responsiveness to these interests and initiated new programming elements and enterprises, including partnerships with other community-based organizations
- Utilized membership management system to process membership sales and refunds, member transfers, activity registrations, and similar transactions
- Provided instruction to participants in organized fitness programs, classes and activities

### EDUCATION

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#### TURING SCHOOL, ACCET ACCREDITED BE CERTIFICATE, Denver, CO

MAR 2021-OCT-2021

- 1500+ HOURS PROJECT-BASED BACKEND ENGINEERING PROGRAM, ACCREDITED BY COUNCIL FOR CONTINUING EDUCATION & TRAINING

#### University of Colorado Denver

July 2014-2016

#### Courses earned toward computer science degree:

- Fundamentals of Computer Science
- Object Oriented Programming