

Joseph McCann

Software Developer

Self-taught programmer and software developer looking to impact meaningful change via practical web applications.

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SKILLS

Ruby

JavaScript

HTML

CSS

Ruby on Rails

RSpec

PostgreSQL

Git

Linux

EDUCATION

Bachelor of Arts, English

University of Maine

01/2007 - 08/2011

Orono, Maine

PROJECTS

Gembook [↗](#)

- A social media capstone project completed as part of The Odin Project's Ruby on Rails curriculum.
- Programmed all core functionality of a sensible social media site, including friendships, profiles, posts, comments, nested comments, and likes.
- Streamlined authentication process: Clients can log in with either email or via OAuth.
- Tested application thoroughly with the testing tool RSpec, including system and unit specs.

Ruby Chess [↗](#)

- Conceptualized a fully functional and featured command line chess game using object-oriented concepts such as inheritance and composition.
- Debugged and troubleshooted issues with pry-byebug.
- Arranged for serialization of game objects, allowing for easy in-game saving and loading.

Movie Buddy [↗](#)

- Sinatra web app that submits requests to the OMDb API and returns movies based on title and release year parameters.
- Designed Ruby objects to interact with a public database.
- Arranged for parallel API requests and caching with the Typhoeus gem to improve performance.

The Odin Project [↗](#)

- Introduced significant [contributions](#) to a popular Ruby on Rails web application (2.1k stars on Github).
- Implemented soft deletion of student project submissions using the [discard gem](#).
- Developed the ability for admins to track the resolver of a flagged project submission.
- Participated in the review process until my contributions could be merged.

WORK EXPERIENCE

Licensed Acupuncturist

Ashland Community Acupuncture

06/2018 - 03/2020

Ashland, MA

Achievements/Tasks

- Completed a three year master's level certificate to pass certification exams and get my professional acupuncture license.
- Explained unfamiliar concepts with clarity and empathy.
- Effectively managed time to treat up to eight patients an hour in a community setting.
- Communicated treatment plans to patients.