

Stephen MacNeille

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PROJECTS

Fedora (Rails, React.js, PostgreSQL)

[Live](#), [Github](#)

Web app for questions, based on Quora

- Integrates PgSearch for dynamic searching and Paperclip for cloud based image uploads
- Returns custom JBuilder views for clean page data
- Optimizes backend for more efficient server requests

Ski2000 (HTML5, JavaScript)

[Live](#), [Github](#)

Browser based skiing game

- Implements physics engine with mouse input based movement for smooth gameplay
- Renders obstacles at progressively higher speeds and frequencies
- Animates custom sprites to replicate 1980's ski games

RubyChess (Ruby)

[Github](#)

Console based chess game

- Recursively evaluates parent/child relationships to notify players of check and checkmate
- Renders complete chess board graphics in console

SKILLS

Ruby
SQL

Rails
Git

JavaScript
HTML5

React
CSS

Flux
JSON

RSpec
Ajax

EDUCATION

App Academy

12-week full-stack web development bootcamp with 3% acceptance rate

New York, NY
2015 – 2016

- Topics include: Ruby, JS, TDD, OOP, REST, algorithms and data structures

Wesleyan University

BA, Majors: Studio Art and Biochemistry

Middletown, CT
2011 – 2015

- 790 SAT Verbal, 750 SAT Math, 3.4 GPA, Art Thesis Honors, Varsity Rowing

EXPERIENCE

Brown Brothers Harriman

Summer Analyst

Boston, MA
Summer 2014

- Wrote and edited Excel macros for major client's investment portfolio
- Contributed to writing capital calls for VC fund
- Met on a biweekly basis with top clients and investors

Terrafugia

Engineering Intern

Woburn, MA
Summer 2013

- Designed and built electrically heated and nitrogen cooled chamber for part testing
- Developed procedures for prototype part tests
- Contributed to fine-tuning and adaptation of Rotax 912 S engine cooling system

[Github](#) · [LinkedIn](#) · [Personal](#)