

Stephen MacNeille

78 South 6th Street, Brooklyn, NY 11249
978-317-7102 · smacneille@wesleyan.edu

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](#)

Brower 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

- Implements parent/child relationship 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

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](#)