Stephen MacNeille

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PROJECTS

Fedora (Rails, React.js, PostgreSQL)
Live, Github
Web app for questions, based on Quora

- Allows for real time search with search result event listener and PgSearch backend
- Stores image uploads on cloud with AWS S3 buckets
- Separates view logic from controller with JBuilder for lean JSON
- Optimizes controller query methods to avoid unnecessary server requests

Ski2000 (HTML5, JavaScript)
Live, Github
Browser based retro style ski game

- Implements mouse movement based physics for smooth skiing-like gameplay
- Renders custom designed and drawn sprites to replicate 1980's ski games

RubyChess (Ruby)
Github
Console based chess game

- Evaluates parent/child relationships to validate move as well as check or checkmate status

SKILLS

Ruby	Rails	JavaScript	React	Flux	RSpec
SQL	Git	HTML5	CSS	JSON	Ajax

EDUCATION

App Academy
New York, NY
12-week full-stack web development bootcamp with <3% acceptance rate
2015 – 2016

- Topics: Ruby, JS, TDD, OOP, REST, Pair Programming, Algorithms, and Data Structures

Wesleyan University
Middletown, CT
BA, Majors: Studio Art and Biochemistry
2011 – 2015

- Art Thesis Honors, 3.4 GPA, Varsity Rowing, NESCAC All-Academic

- 790 SAT Verbal 750 SAT Math, Cum Laude Society, National Merit Scholar Semi-Finalist

EXPERIENCE

Brown Brothers Harriman
Boston, MA
Summer Analyst
Summer 2014

- Wrote and edited Excel macros for 1.3 billion dollar mutual fund
- Contributed to capital calls for VC fund
- Met on a biweekly basis with top clients and investors

Terrafugia
Woburn, MA
Engineering Intern
Summer 2013

- Built environmental test chamber for part tests, saving company over $5,000
- Streamlined development process by writing procedures for part testing
- Improved engine cooling performance by contributing to air inlet design

GitHub · LinkedIn · Personal