

DOUGLAS GORDON

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PROJECTS

QUIZZICAL

LIVE • GITHUB

An interactive, flashcard site built using Ruby on Rails and React/Redux.

- Improved speed and scalability by implementing dynamic, multi-form submission using a single AJAX request.
- Animated CSS3 transitions for seamless UI/UX.
- Incorporated custom audio upload using Amazon Web Services and HTML5.

WIREWORLD

LIVE • GITHUB

A cellular automaton sandbox built using JavaScript.

- Developed algorithm that displays real-time visualization of electronic logic gates.

WORDSOUP

GITHUB

A Ruby gem that produces gibberish sentences to use in place of Lorem Ipsum.

- Developed algorithm that uses markov chains to produce sentences with grammatical English syntax in the style of different authors.

DOMINO

GITHUB

A lightweight DOM manipulator

- Built using vanilla JavaScript, DOMino allows users to make AJAX requests and real time modifications to the DOM.

SKILLS

Ruby, Ruby on Rails, RSpec, JavaScript, jQuery, React, Redux, Python (learning), SQL, Git, HTML5, CSS3, UI/UX Design, Adobe Illustrator & Photoshop CC.

EXPERIENCE

McGILL LINGUISTICS DEPT.

2014-16

Research Assistant

- Presented original research at 4 competitive conferences, focussing on the syntax, semantics and formal logic of an indigenous North American language.

IVERSITY GMBH

JAN-MAY 2015

UI/UX Intern

- Lead a team of three in researching and designing a mobile app, currently in production, using Adobe Illustrator CC, InVision App and A/B testing.

EDUCATION

APP ACADEMY

AUG-NOV 2016

1000-hour software development course with <3% acceptance rate

McGILL UNIVERSITY

2012-16

BA Linguistics

- Won \$1000 Arts Internship Award for language revitalization work in Listuguj Mi'gmaq First Nation.

PHILLIPS EXETER ACADEMY

2010-12