

# 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 jibberish 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