



ANDREW  
REID

Web Developer  
Toronto — New York

## ABOUT

I'm a junior developer with a mind for creative problem solving and an eye for design. A recent grad of the Flatiron School in New York City, I have previous experience in environmental research and science communication. I'm eager to work with great people, and to use my diverse skills to make a difference through code.

## CONTACT



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@doeshisbest

## APPLICATIONS BUILT

### Carrier Selector ([Demo](#))([Github](#))

An exercise in data analysis and visualisation built in Rails, using actual on-time performance data for flights in the United States

- Used pgAdmin3 to parse and save million+ entry dataset to PostgreSQL database
- Wrote custom methods and SQL queries to clean and manipulate data set
- Used D3, ChartJS, jQuery, AJAX, TableSorter and Bootstrap to meaningful visualise data through charts, maps and sortable tables.

### Janus ([Demo](#)) ([Ember Front End](#)) ([Rails API](#)) ([Chrome Extension](#))

An Ember-Rails application for keeping track of development projects, tasks and bookmarks

- Used the Ember.js MVC framework along with Bootstrap to design a fully-responsive single-page application
- Incorporated custom drag and drop functionality using Ember components and HTML5
- Used ChartJS Data visualization tools to give insights into project progress
- Built a Google Chrome Extension which interfaces with the Rails API to add bookmarks from around the internet

### Edifi ([Demo](#)) ([Github](#))

A social-marketplace where students can find teachers and sign up for one-on-one lessons in technical software

- Implemented Elasticsearch and jQuery to render real-time, predictive search
- Utilized moment.js and jQuery to render a dynamic calendar and scheduling system
- Developed live chat feature using WebRTC, websockets, Pusher and Hark.js
- Incorporated user login from Facebook and Twitter with OAuth
- Used Ajax principles with custom Bootstrap theme to develop a single page application without using web frameworks

## EDUCATION

### Flatiron School, USA, 2016

Intensive web development accelerated learning program

### University of Waterloo, Canada, 2010

MA in Global Governance, concentration in global environmental policy

### University of St Andrews, UK, 2007

Joint Honours MA in English & International Relations

## EMPLOYMENT HISTORY

### **Ecologic Institute**

*Berlin, Germany*

*Researcher, Sept 2010- Sept 2015*

- Developed and implemented communication strategies and products for EU funded environmental research projects
- Conducted policy research and analysis on topics including climate change adaptation, oil rig decommissioning
- Developed successful proposals and budgets for EU and German funded projects
- Awarded Konrad von Moltke Fellowship to support research mobility

### **Permanent Mission of the Republic of Nauru to the UN**

*New York City, USA*

*Adviser, Apr 2009 - Nov 2009*

- Provided representation and reporting to Nauru as a delegate to UN meetings of General Assembly, ECOSOC, UNCLOS and more
- Drafted national reports, statements and briefings for the Ambassador of Nauru, as well as on behalf of other states in the Pacific on issues including climate change, security, and development

### **Centre for International Governance Innovation (CIGI)**

*Waterloo, Canada*

*Balsillie Fellow, Sept 2008 - Dec 2009*

- Awarded Fellowship to support MA in Global Governance
- Conducted research for the Centre for International Governance Innovation (CIGI) cataloguing climate change mitigation policy initiatives around the world

### **ArcticNorth Consulting**

*Guelph, Canada*

*Guest Researcher, May 2008 - Sept 2008*

- Contributing author on report assessing the vulnerability of the Canadian mining sector to the impacts of climate change, prepared for the David Suzuki Foundation.
- Conducted surveys of Canadian mining industry stakeholders on their perspectives on climate change impacts
- Compiled synthesis of project climate impacts across Canada under a variety of possible future scenarios

## SKILLS

*Ruby & Ruby on Rails*

*JavaScript, jQuery, D3, & Ember.js*

*HTML5 & CSS3*

*SQLite & PostgreSQL*

*Adobe Photoshop & InDesign*

## INTERESTS



*Environmentalism*



*Theatre & Comedy*



*Cooking*



*Basketball*