ANDREW REID

Web Developer

Toronto

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. I'm excited to work with great people, and to use my diverse skills to make a difference through great code.

CONTACT

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APPLICATIONS BUILT

Factbook of the Pacific (Demo)(Ember Front End)(Rails API)
An Ember-Rails educational app serving information and statistics for small island countries in the Pacific
- Built fully-responsive Ember SPA with custom theme built in SASS using Zurb Foundation framework
- Built a Rails API serving country statistics in JSON using Active Model Serializer

Carrier Selector (Demo)(Github)
A data analysis and visualisation excercise built in Rails, using 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 visualise data through charts, maps and sortable tables.

Janus (Demo) (Ember Front End) (Rails API)
An Ember-Rails app for keeping track of 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

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
- Used moment.js to render dynamic calendar and scheduling
- 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

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 Naura 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 & SASS
SQLite & PostgresSQL
Adobe Photoshop & InDesign

INTERESTS

Environmentalism

Theatre & Comedy

Cooking

Basketball