

# NICOLLETTE LUI

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## PROJECTS

**Veggawker:** (Rails, Backbone) <http://www.veggawker.com/>

*User submitted vegan recipe web application.*

Nested submit recipe form creates multiple data models in a single transaction.

Customized JSON serializers for data models to constrict data transfers.

Single-page Backbone app consuming RESTful API.

**Active Record Clone:** (Ruby) [https://github.com/nicollette/active\\_record\\_lite](https://github.com/nicollette/active_record_lite)

*Replicated basic functionality of Active Record.*

Rebuilt Active Record's associations, querying, and mass assignment methods.

Implements metaprogramming techniques.

**Snake:** (JavaScript) [https://github.com/nicollette/snake\\_js](https://github.com/nicollette/snake_js)

*Arcade game built for the browser.*

Object-oriented design.

Randomly generates cookies(apples) at a set interval.

## SKILLS

Ruby, Rails, JavaScript, Backbone, SQL, HTML, CSS, Git

## EMPLOYMENT HISTORY

**GIS Analyst:** Abt. SRBI, Inc. (Sept. 2012 – Sept. 2013)

Created static maps of survey research data and web maps using an Adobe Flex API.

Analyzed data geospatially.

Contributed to writing a winning proposal for a contract to conduct a route analysis on freight trucks traveling to and from JFK in NYC.

## EDUCATION

**BA Environmental Studies,** GPA: 3.97

Brooklyn College, 2012

Analyze environmental issues from both natural and social science perspectives.

