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Projects

more at github.com/rlue

Web Development

Bodega: A supply chain management tool for wholesalers. **`Creator`**

Made for a local restaurant to facilitate logistics and provide automated reports for accounting.

Built with Rails (**MVC** / **relational database design** / **RESTful architecture**). API actions supported by **jQuery/AJAX UI components** for seamless interaction.

Solana: A blog template for the Jekyll static site generator. **`Creator`**

Responsive layout and **touch gestures** written in HTML, vanilla JavaScript, & CSS (Sass), **without Bootstrap or jQuery**. Features built-in protection against email harvesting bots.

Ruby Gems

Something Like That: A fuzzy string matcher for long, multi-word phrases. **`Creator`**

Most fuzzy string matchers use algorithms best suited for comparing *individual terms.* This library uses the **Monge-Elkan method**, a two-stage process designed specifically for *multi-word phrases* (Jimenez et al. 2009).

Good for **ranking search results collected from diverse sources**.

Vim Plugins

Getting Things Down: Outlining and TODO shortcuts for GTD in Markdown. **`Creator`**

Provides automatic text folding, TODO highlighting, and per-section progress indicators for tracking productivity in plain text files using the Markdown format.

Command Line Utilities

Spore: A lightweight dotfile management solution. **`Creator`**

Populates a home directory with dotfiles from an XDG-style `~/.config` directory, in a manner similar to GNU Stow.

Skills

- 💬 Technical communication
- 🖥️ Ruby / Rails / RSpec
- 🖥️ HTML / CSS / JavaScript (ES6)
- 🖥️ SQL / Relational Databases
- 🖥️ Git

Work History

International Marketing Associate

奇想生活 THAT! Inventions `2015-2016`

- Crafted marketing language to support the brand identity of a boutique kitchenware maker.
- Supported international distributors in adopting our ecommerce platform.
- Translated critical sales presentations from Chinese into English.
- Set up and monitored analytics for a successful Kickstarter campaign.

Academic Program Coordinator

Trinity Scholar `2011-2014`

- Developed a research-backed curriculum to prepare Taiwanese teenagers for college overseas.
- Managed a team of senior educators to prepare day-by-day lesson plans for 36 separate units of instruction.
- Collaborated with Bay-Area startup YadaZing to incorporate video entertainment into our language instruction program.

Education

Online Courses

- Agile Development Using Ruby on Rails `2016`
  UC Berkeley, via edX

- Introduction to Computer Networking `2015`
  Stanford University, via Lagunita

Formal Degrees

- Bachelor of Arts in Urban Studies and Planning `2010`
  UC San Diego