

# JONATHON MELNICK

SOFTWARE ENGINEER



#### CONTACT

San Francisco CA, 94102

**t:** 360 556 6923

e: Jon.D.Melnick@Gmail.com

w: www.JonMelnick.com

### **SKILLS**

Ruby JavaScript
Rails React.js
Redux Flux

jQuery Git

SQL HTML5/CSS3

#### **WORK HISTORY**

Northwest Media Company Feb-Mar, 2016

Web Developer (volunteer)

Ailin Richards, LLC 2014 - 2016

Web Developer (volunteer)

Pellegrino's Catering 2011 - 2016

Catering Captain

## **EDUCATION**

App Academy 2016

Full-stack software development course

Washington State University 2006-2010

B.A. Business Administration (Finance)

### **PROJECTS**

**EpicStoryTime** -alpha (Rails, React, Redux) <u>live | github</u>

A collaborative story building site

- Securely encrypts password digests with front and backend validation for accounts
- Dynamically edits the DOM using API calls to the PostgreSQL database

My PinBoard (Rails, React, Flux) <u>live | githu</u>

A social site where users pin text or images on a collaborated 'bulletin' board with a team, or their own private board

- Utilizes Flux architecture's unidirectional data flow to maintain structural coherence.
- Componentizes front-end-views with React to fulfill the Single Responsibility Principle resulting in component modularity

RogueCanvas (JavaScript) live | githul

A dungeon crawling turn based game on HTML Canvas

- Each level randomly generates using cellular automation
- Using a flood fill from the starting location, maps are remade if the explorable space is too small

**Embody** (JavaScipt)

live | github

Chrome extension for healthy break reminders and meditation

- Sends notifications to either the desktop or the active webpage tab
- Uses setInterval and setTimeout to act as a timer

# **EXPERIENCE**

- Designed, built, and maintained web sites using scripting languages, content creation tools, and digital media
- Performed web site updates
- Wrote, designed, or edited web page content
- Conferred with business owner to develop and prioritize needs and content criteria
- Identified CSS and program language bugs and corrected problems
- Collaborated with management or users to develop e-commerce strategies and to integrate these strategies with web sites
- Excelled within deadlines and ensured accurate and on-time completion of all tasks and projects
- Supervised lower level staff on projects to ensure adherence to schedule and scope
- Assigned duties and responsibilities to project staff
- Trained and supervised new staff on work procedures