

Joan Indiana Lyness

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Web Developer with experience in journalism, STEM education and running my own company

Full stack web developer with nine years of experience founding and building my own technology education company, where I developed solid management skills and discovered how much fun it is to learn and teach new programming languages. With experience in Ruby, Rails, JavaScript, and React, I am enthusiastic about learning new technologies.

FLATIRON TECHNICAL PROJECTS

Who's Who in Congress Game - Github: [Back-End](#) [Front-end](#) | [Demo](#) A React-Redux app using a Rails API

Fetches data on Congress members and bills from ProPublica, uses Semantic UI React to present data as cards. Search and sort data using logic in Ruby, JavaScript and JSX, guess who's who, flip a card to find out.

Mars Rover Photo Finder - [Github](#) | [Demo](#) A React app for filtering Mars Rover photos

Three-part search form uses Event Emitters to track state as users search photos by rover, date and camera. Uses Semantic React UI and CSS styling.

Vacation Bidder- [Github](#) A Rails web app for managing bucket lists, and vacations

Built with Rails and PostGres on the back end and Rails, Javascript, jQuery, Bootstrap and CSS on the front end. Uses OAuth and Devise to allow third-party login via Github. Includes forms built in Javascript and forms built in Rails.

Space Missions - [Github](#) A Command Line Interface program that serves up data on Jet Propulsion Laboratory Space Missions

Uses the Nokogiri gem to scrape data from the JPL website, uses Ruby to search and sort data.

Hog-Iron- [Github](#) | [Demo](#) A group project : Harry Potter website. Built with Rails and ActiveRecord.

I added Ruby logic for sorting users into houses; and used Bootstrap to style most of the app's pages.

TECHNICAL SKILLS

React, Redux, Javascript, Ruby, Rails, Angular, TypeScript, MySQL, CSS, Semantic React UI, Bootstrap, HTML, Wordpress

EMPLOYMENT HISTORY

The Great Adventure Lab, Silver Spring, Md., Founder and managing partner, Aug. 2010 to present

Bootstrapped an after school enrichment company with an initial investment of \$3,000 in netbooks and robotics kits. Grew revenues to more than \$400k in two years during a recession. Expanded to offer camps, events and birthday parties. Hired staff, recruited partners, set up processes so the company mostly runs without me. We've taught more than 20k kids how to program.

Joan Indiana Rigdon Freelance, Silver Spring, Md., Freelance magazine writer and columnist, Dec. 2001 - April 2012

Wrote cover stories about IT, gun rights, education, copyright law, biotechnology, management and other topics for magazines including ForbesWoman, Washington Lawyer and CIO Magazine.

Red Herring Magazine, San Francisco, Ca, Section Editor, April 2000 - Sep. 2001

Hired reporters and freelancers; produced a bi-weekly section about management strategies.

The Wall Street Journal Online, multiple countries, Columnist, May 1997 - August 1999

Wrote bi-weekly columns about the state of internet technology around the world while bicycling through 26 countries in 26 months, including a month-long ride from Lhasa, Tibet to Everest Base Camp.

The Wall Street Journal, Pittsburgh and San Francisco. Staff Writer, September 1990 to May 1997

Wrote front-page stories and hundreds of features and news stories about topics including technology, management and race.

EDUCATION

Flatiron School - graduated July 2019 / Full Stack Web Development, Ruby on Rails and JavaScript full-time online program

University of California, Berkeley, Master's of Journalism, May 1989

Boston College, B.A. English, May 1986, graduated *cum laude* in three years while working

Languages: Conversational French and Spanish, can order more beer in Bahasa Indonesian

Fun: coding, canoeing, long-distance cycling, knitting, Coursera courses