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Creative Codes  
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Weekly Project #2 (Hypertext)

For this project, I chose Ruby on Rails. The website itself is the assignment. The full source code is available on GitHub: [github.com/lianabourdon/COM214-PA4](https://github.com/lianabourdon/COM214-PA4)

The site is hosted at <https://www.lianabourdon.com>

The repository name **COM214-PA4** comes from its origin as a project for my COM 214: Web Technologies & Development course. I made the repo public.  
For AT101, I chose to iterate on this existing work by adding a **Creative Coding** section that documents weekly projects.

#### Technology Stack

- Rails (7.2.2.1): MVC framework and routing
- Ruby 3.2.3: language runtime
- Bootstrap: responsive layout and grid system
- Font Awesome: icons for navigation and buttons
- SCSS / Sprockets: stylesheet management and custom Cargo-style typography
- ERB Templates: views for each section of the site

#### Site Organization / Home landing page

- [/coding](#) Original COM 214 “Coding” portfolio
- [/at101](#) Password-protected AT101 section with weekly index
- [/at101/weeks/:id](#) Individual week instructions + submissions
- [/public/at101/\\*.pdf](#) Downloadable PDF versions

#### What information do you want to present, and how do you want to arrange it?

I want to present both course work and portfolio material in a way that is clear and direct. The navigation is simple: each major section is accessible from the top menu, and each AT101 week has its own page. By keeping a consistent structure, the site is easy to follow while still showing technical depth.

#### What are the unique affordances of the platform you’re using?

Because I chose Ruby on Rails, I can go beyond static HTML. Rails makes it possible to manage routes like [/weeks/:id](#) automatically, render Markdown or PDFs, and gate the AT101 section with password protection. I can also subvert the “portfolio” expectation by embedding live experiments (p5.js sketches, Twine games, etc.) directly into week pages — not just screenshots or static text.

#### How can the site grow and develop?

The site is designed to grow incrementally. Each week I can add a new ERB file (and optionally a PDF) without breaking navigation. The AT101 index automatically links to all weeks, so the structure accommodates future work. After AT101, I could extend the site further to include new sections or merge it back into my professional portfolio, showing a continuous progression from COM 214 to AT101 and beyond.