



Recitation 1

Jekyll



01

What is jekyll?

and why are we using it
in 6.1040?

02

Jekyll concepts

follow along with an
example jekyll site

03

Try making a page

Pair up and introduce
yourself

What is jekyll?

- Static website builder
- [6.1040 class website](#)
- Daniel's [intro blog to Jekyll](#)

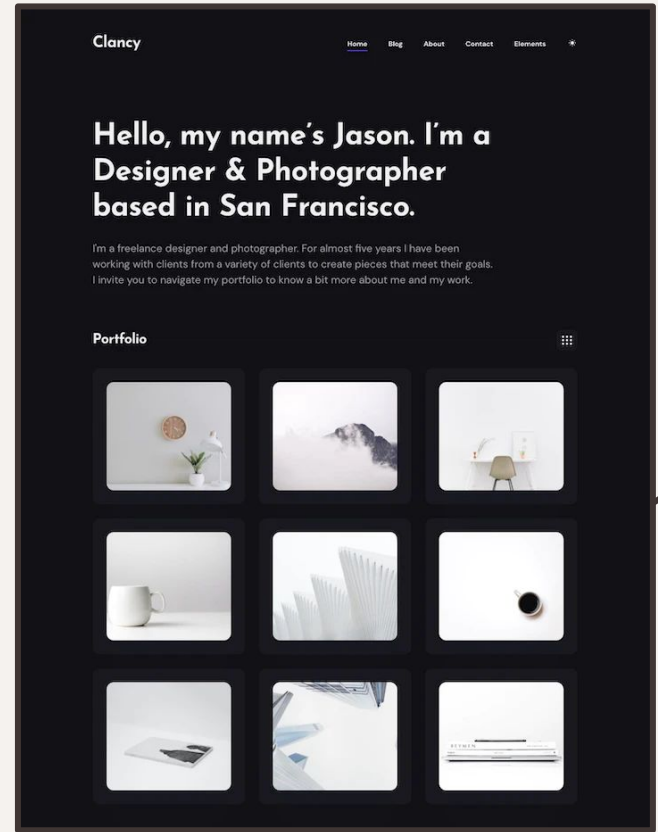
6.1040 Fall 2022 [Class Guide](#) [Assignments](#) [Meet the Instructors](#) [Reading Group](#) [Resources](#) [Schedule](#)

Schedule

Date	Topic	Assignment out	Reading group
Wed, Sep 7	L: Intro to software design	A0: Jekyll Site	
Thu, Sep 8	R: Markdown/Jekyll + Themes		Ch 1
Mon, Sep 12	L: Design for an audience	A1: Twitter Critique	
Wed, Sep 14	L: Need finding		
Thu, Sep 15	R: Napkin Sketches		Ch 2 & 3
Mon, Sep 19	L: Mental models	A2: Fritter diverge	
Wed, Sep 21	L: Automation, flexibility & errors		
Thu, Sep 22	R: Wireframing		Ch 4 & 5
Mon, Sep 26	L: Ethical design & dark patterns	A3: Fritter converge	
Wed, Sep 28	L: Seeking simplicity		
Thu, Sep 29	R: Node / Sessions / Cookies		Ch 6
Mon, Oct 3	L: Application state	A4a: Fritter backend I, A5a: Fritter review	
Wed, Oct 5	L: Relational DBs + Schema Design		
Thu, Oct 6	R: SQL and RDBs		Ch 9
Mon, Oct 10	No class	A5b: Fritter refinement	

Jekyll in 6.1040

- Create minimal, personal website for submitting assignments
- Save you work using pre-designed themes



Themes

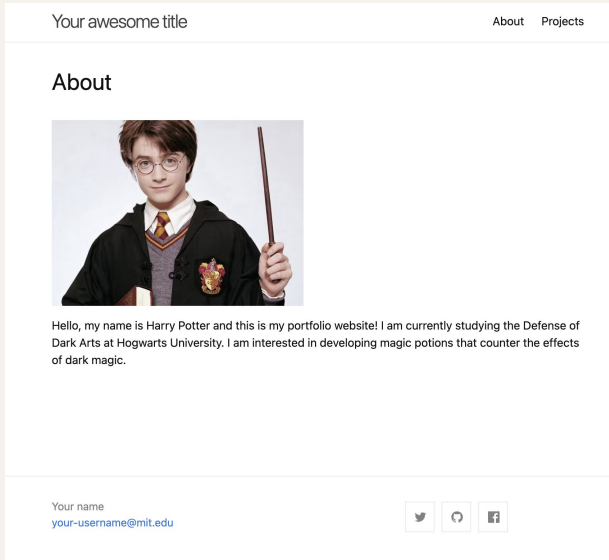
The screenshot shows the Jekyll Themes website interface. At the top left is the 'Jekyll THEMES' logo. The top right navigation bar includes 'Browse Themes', 'Blog', 'Resources', and 'About'. The main heading is 'Jekyll portfolio themes', followed by a sub-heading: 'Show off your work with these awesome image-focused portfolio themes. Perfect for designers, developers, photographers and illustrators.' Below this, four theme preview cards are displayed:

- Personal** \$79: A sleek, modern personal website theme. The preview shows a dark header with a person's photo, followed by sections titled 'Why it shovn' and 'Wake up'.
- Made** \$79: A bold, minimal portfolio theme. The preview features a white background with blue accents and sections for 'Mobile app' and 'Company website'.
- Curate** \$49: A stylish, modern portfolio theme. The preview has a light background with various images and sections like 'Curate is a premium portfolio for Jekyll'.
- Dexfolio** \$49: A creative portfolio theme. The preview shows a dark background with a person's photo and the text 'We take digital exp to the next'.

A chat bubble icon is visible in the bottom right corner of the website preview.

<https://jekyllthemes.io/free>

- Pick a predesigned theme, write your content, and customize if you want
- Choose theme carefully



Follow the along by cloning repo at:
tinyurl.com/61040-jekyll

To run site locally:
bundle install
bundle exec jekyll serve --livereload
<http://localhost:4000>

Key Concepts

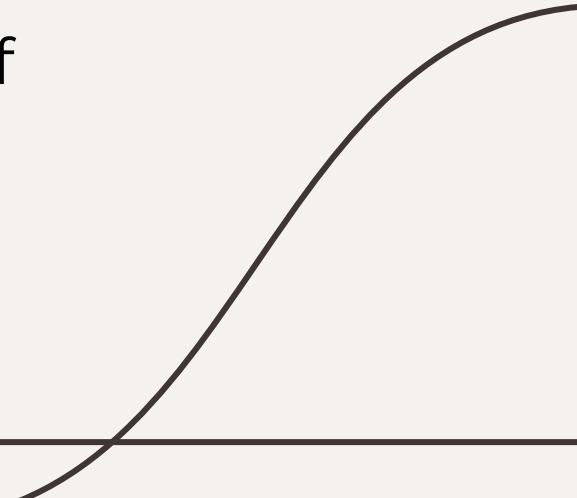
- **Markdown**
 - **Layout +
Frontmatter**
 - **Collection**
- 

Exercise: Intro + Contact page

- Edit the about page
- Add a new contact page (that shows up in the header)
- Pair up + introduce yourself

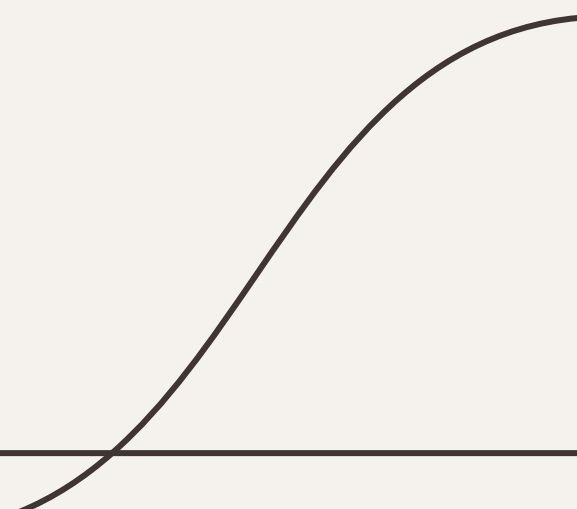
Feedback form:

tiny.cc/61040-fa22-feedback



Customizing themes

- Templating Language (liquid)
Logic: {% for author in page.author %}
Display as content: {{ author }}
- Overriding **Partials**
See headers and footers



Resources

- <https://jekyllrb.com/docs/>
- <https://jekyllthemes.io/free>
- <https://www.markdownguide.org/>
- <https://61040-fa22.github.io/pages/site-builders>