CMPSC 302
WEB DEVELOPMENT

Creating "static" sites

M↓ + **HUGO** =

Or another "static site generator"

It's called the Jamstack

Or another "static site generator"

JAMSTACK

Markdown is actually markup?

- Another document language that "tags" content
- Allows us to create a hierarchy using shorter tags that static site builders make into HTML
- Doesn't require any direct code
- Most static site generators still allow HTML in these files

Meet Hugo

- Static site generator/builder
- Uses open-source, available themes
- Uses Markdown to create pages
- Uses Netlify to display content (like Heroku, but a bit different)
- Has a downloadable package that's v. useful

Steps to complete the demo

- Download hugo for your operating system
  - Link provided in Discord
- Clone the cmpsc-302-project-static-site-demo
- Open the config.toml file from the repository

Netlify is a verb

- Head to netlify.com and create an account
- Once in, find "Add new site"
  - Click "Import an existing project"
- Choose GitHub as your git provider
- Locate our course organization
  - Locate your repository

Netlify is a verb

- Netlify will give you an address that looks a bit silly, something like:
    - strange-bean-a234.netlify.app
- The above is the URL of the deployed site
- To check on your deploy progress, click "Deploys"

Perform the verb

- Create at least:
  - One blog post
  - One static page
- The instructions for these operations are in the README
  - They require you to download hugo for your system, or
  - Be familiar enough with the command line to copy and make files in the correct location
- Bonus:
  - Change the avatar and some configuration settings to personalize the demo