

# CODE OF CONDUCT



## Behavior that is expected and encouraged:

- Be respectful, inclusive, and accepting of others. Actively seek to challenge your personal biases, assumptions, and preconceived stereotypes, and approach differences with openness and curiosity.
- Be conscious of how your words and actions (including unintentional ones) might harm others. Take time to educate yourself on how to be more inclusive and listen when someone takes the time to educate you.
- Be aware of privilege and power dynamics. If you find you are talking or commenting a lot, consider stepping back to leave more space for others. If you share the work or ideas of others, give credit where it is due.
- Be considerate of privacy and personal boundaries. Give others a chance to “opt-in” to personal interactions, and respect limits when they are set.
- Be constructive in offering criticism and be gracious in accepting it. Consider “calling in” rather than “calling out,” and direct critiques toward ideas rather than people.

## Behavior that is strictly prohibited:

- Discrimination, including unfavorable or disparate treatment to others because of any aspect of their identity, appearance, or protected class.
  - Harassment and harassing behavior, including use of epithets and slurs, derogatory or hostile comments, repeated attempts to make contact, or any behavior that interferes with another person’s participation in the conference.
  - Sexual harassment, including use of sexual images, jokes of a sexual or gendered nature, or any unwelcome contact of a sexual nature in any medium.
- Report an issue at <https://mhec.eventsair.com/22ksoersummit/code-of-conduct>

**KANSAS STATE**  
**UNIVERSITY**

Department of Computer Science



# Using Hugo and Other Free Tools To Develop Resources

Russell Feldhausen (@russfeld)

Kansas OER Summit 2022

# The Task

Develop a  
**flexible, online curriculum**  
for Computer Science  
focused on **non-majors**  
(and eventually **high schools**)

# The Question

How can we create  
**great online resources**  
for Computer Science  
that are  
**easy to use and maintain?**

# Our Tools (*circa 2017*)

- Instructure Canvas
  - HTML Pages
- Expensive Published Textbooks
- Disjointed Online Resources
- PDFs & Slides from LaTeX
- Various Other Document Formats (Word, PPT)

# Problems

- Unformatted Programming Code
- Lack of Public Access
- Accessibility
- Cost
- Difficult to Write Quickly

# Industry Tools

- Git & GitHub
- Stack Overflow
- Medium & Other Blogs
- Documentation Platforms

*They have solved this, can we?*

# What We *Actually* Wanted

- Formatted Code
- Publicly Available
- Accessible
- Easy to Write & Maintain
- Portable



# Hugo

- Static Site Generator
- Content in Markdown
- Extensible
- Theme-able
- Easy to Learn



<https://gohugo.io/>

# What is Markdown?

- Developed in 2004
- Syntax for Formatting Plain Text
- Method for Converting to HTML
- Easy to Read in Raw Format
- Easy to Write

TRY IT!

<https://stackedit.io/>

# Tools I'm Using

- Hugo - <https://gohugo.io/>
- Git - <https://git-scm.com/>
- GitHub - <https://github.com/>
  - GitHub Desktop: <https://github.com/>
- Visual Studio Code: <https://code.visualstudio.com/>

# Using Hugo

1. Install Hugo Locally (& Git) :
2. Create a Site
3. Get a Theme & Customize It
4. Write Content
5. Render
6. Publish!

# Quick and Easy Publishing

1. Create Git Repository on GitHub
2. Move Content to `docs` folder
3. Set up GitHub Pages
4. Configure Site URL and Canonify URLs
5. Push New Content
6. Go to Site!

# Our Theme

<https://ksucs-hugo.russfeld.me/>

- K-State Color Scheme
- Embeddable Pages
- Teleprompter View
- Dark Mode
- Line Numbering
- Quizzes

# Other Tools We Use

- Diagrams.net - <https://app.diagrams.net/>
- Codio - <https://www.codio.com/> (pay)
- Replit - <https://replit.com/>
- OBS Studio - <https://obsproject.com/>
- DaVinci Resolve - <https://www.blackmagicdesign.com/products/davinciresolve/>
- Otter - <https://otter.ai/> (pay)
- Obsidian - <https://obsidian.md/>



# Thank You!

Russell Feldhausen

@russfeld

[russfeld.me/talks](http://russfeld.me/talks)