



Accessibility Workshop

Designing for Everyone

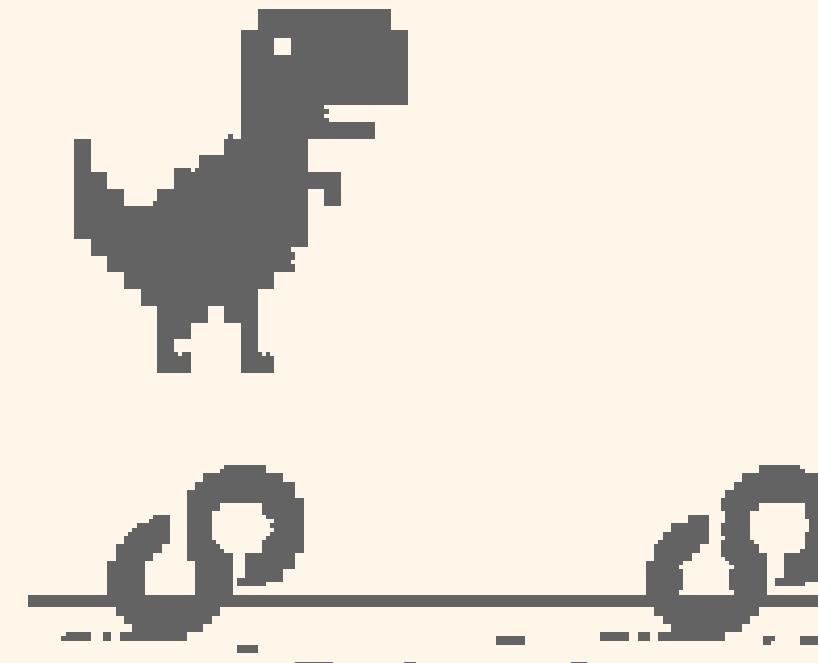
Club Meeting - 10/6

Please Sign In!



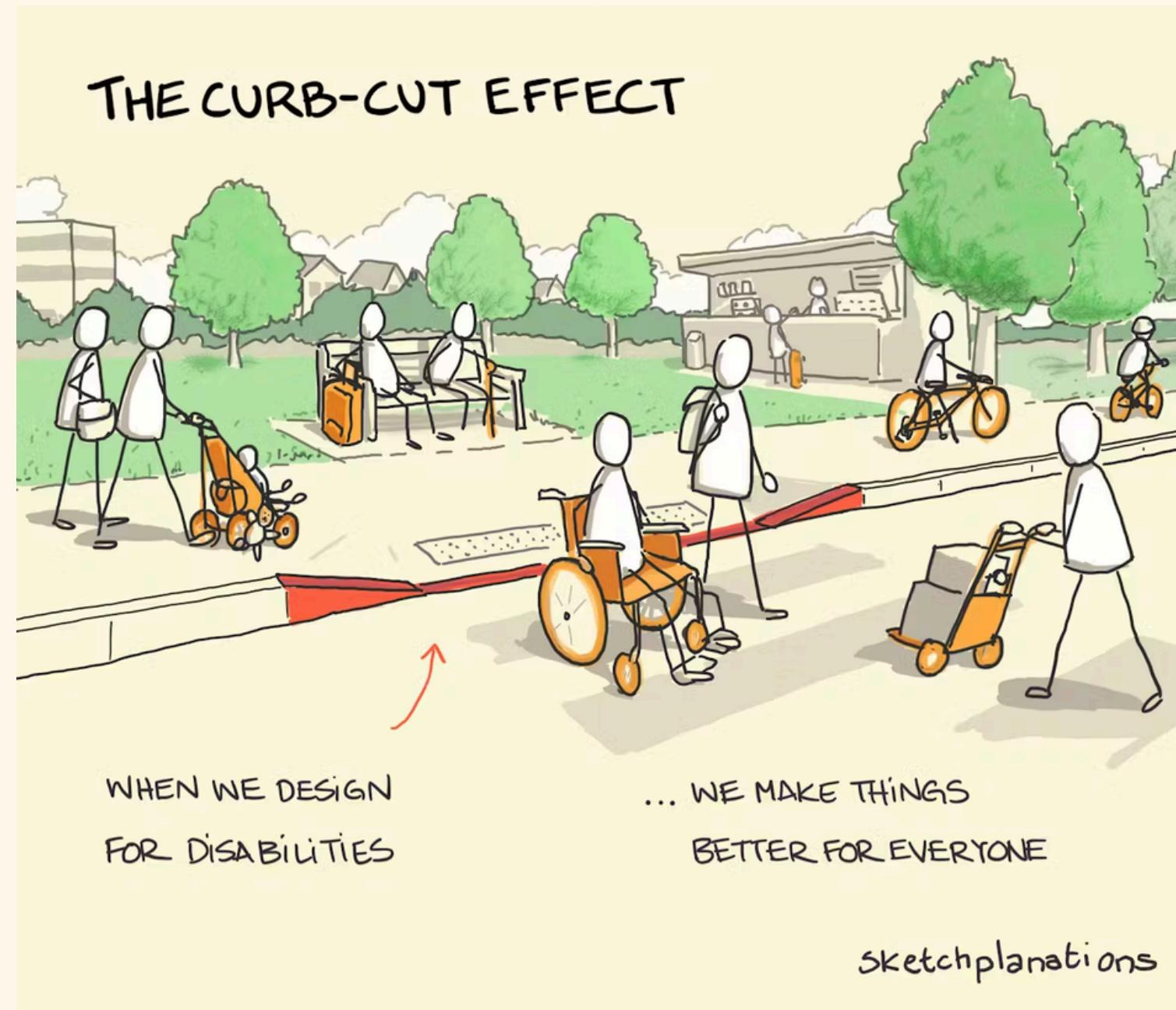
This will be shown again at the end of the meeting too!

While you wait, enjoy this chrome dino :)



Here's RJ on
Universal Design!

UD in a nutshell...



94.8% of websites have
detectable WCAG errors*

That's crazy!!

*According to services like WAVE/Lighthouse.

So how can we address this?

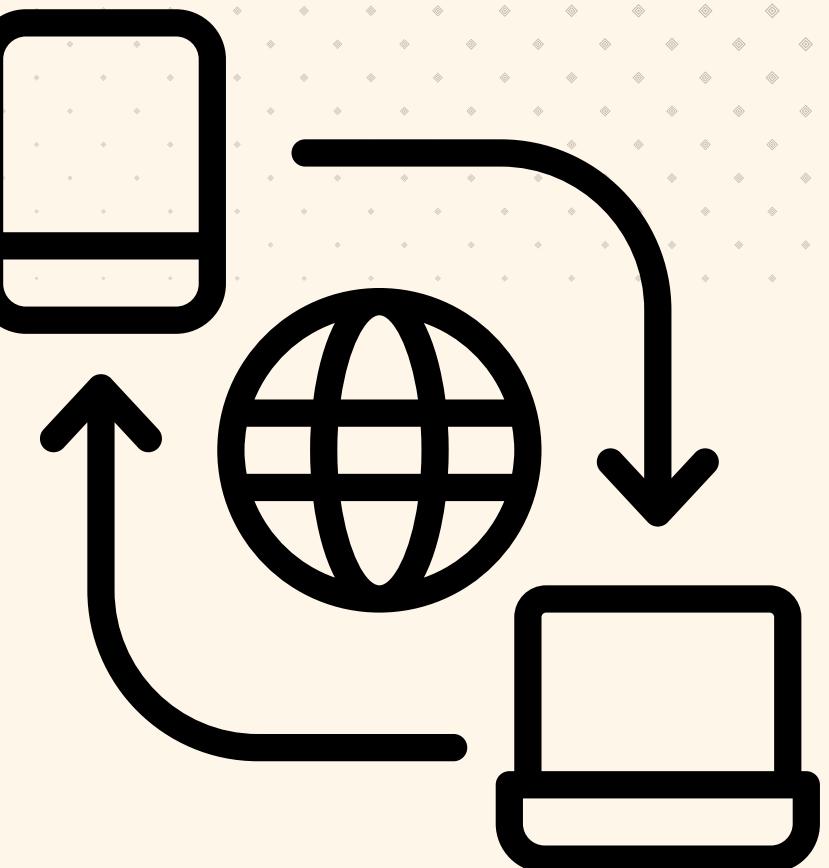
Through clever use of web development tools...

Let's do a speed round!

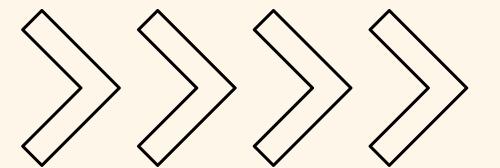
Semantic HTML

(If you are a programmer...)

- **Definition:** Using HTML to describe meaning, instead of just the layout of a page
- Using tags like **<header>**, **<main>**, **<article>**, **<nav>**, **<footer>**
 - Don't rely on **<div>**. It's bad practice, and makes it harder for screen readers to derive meaning from a page.
- “Think of it like labelling an outline for a website”
- Screen readers depend on **structure**, not **visuals**



On Fonts



- Sans-serif is usually better than a traditional serif
 - Easier to render digitally
 - Dyslexics can parse through the
- Serif fonts okay, as long as they are standard
 - e.g. **Times New Roman** (it's used in essays for good reason!)
- Stylistic choices can vary
 - Ligatures (joined characters) should be mostly avoided
 - Decorative fonts should only be used in **large headings**
 - **Bold** is often better than italics and all caps, since it is easier to scan line heights on lowercase letters
- **ALWAYS LEFT ALIGN BODY TEXT!!**



Text Alignment

Left Aligned (Best)

 Lorem ipsum dolor sit amet,
 consectetur adipiscing elit, sed
 do eiusmod tempor incididunt ut
 labore et dolore magna aliqua. Ut
 enim ad minim veniam, quis
 nostrud exercitation ullamco
 laboris nisi ut aliquip ex ea
 commodo consequat.

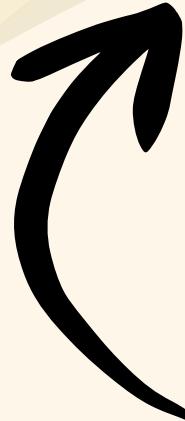
Middle Aligned (meh)

 Lorem ipsum dolor sit amet,
 consectetur adipiscing elit, sed
 do eiusmod tempor incididunt ut
 labore et dolore magna aliqua. Ut
 enim ad minim veniam, quis
 nostrud exercitation ullamco
 laboris nisi ut aliquip ex ea
 commodo consequat.

Right Aligned (worst)

 Lorem ipsum dolor sit amet,
 consectetur adipiscing elit, sed
 do eiusmod tempor incididunt ut
 labore et dolore magna aliqua. Ut
 enim ad minim veniam, quis
 nostrud exercitation ullamco
 laboris nisi ut aliquip ex ea
 commodo consequat.

Lines are easier to jump back to,
since there is always a **consistent**
horizontal starting point



Alternative Text



Gray box with a mountain icon, indicating a missing image.

- This is what the browser will load when a given image can't be loaded or seen.
- Not only useful for people with disabilities, but for people with poor connections.

Workshop Time!

Let's try to guess some captions... 😎





“Noh performer Hilary Uzawa demonstrates a routine with a fan
in the English room on Saturday, March 29.”





“TAPILAB, a new Boba shop opening on Fifth Avenue.”





“The Pitt Vaccination and Health Connection
Hub, located near Nordenberg Hall.”





“Voters wait outside the Pittsburgh Fire Bureau
Station 14 on Tuesday, Nov. 5.”



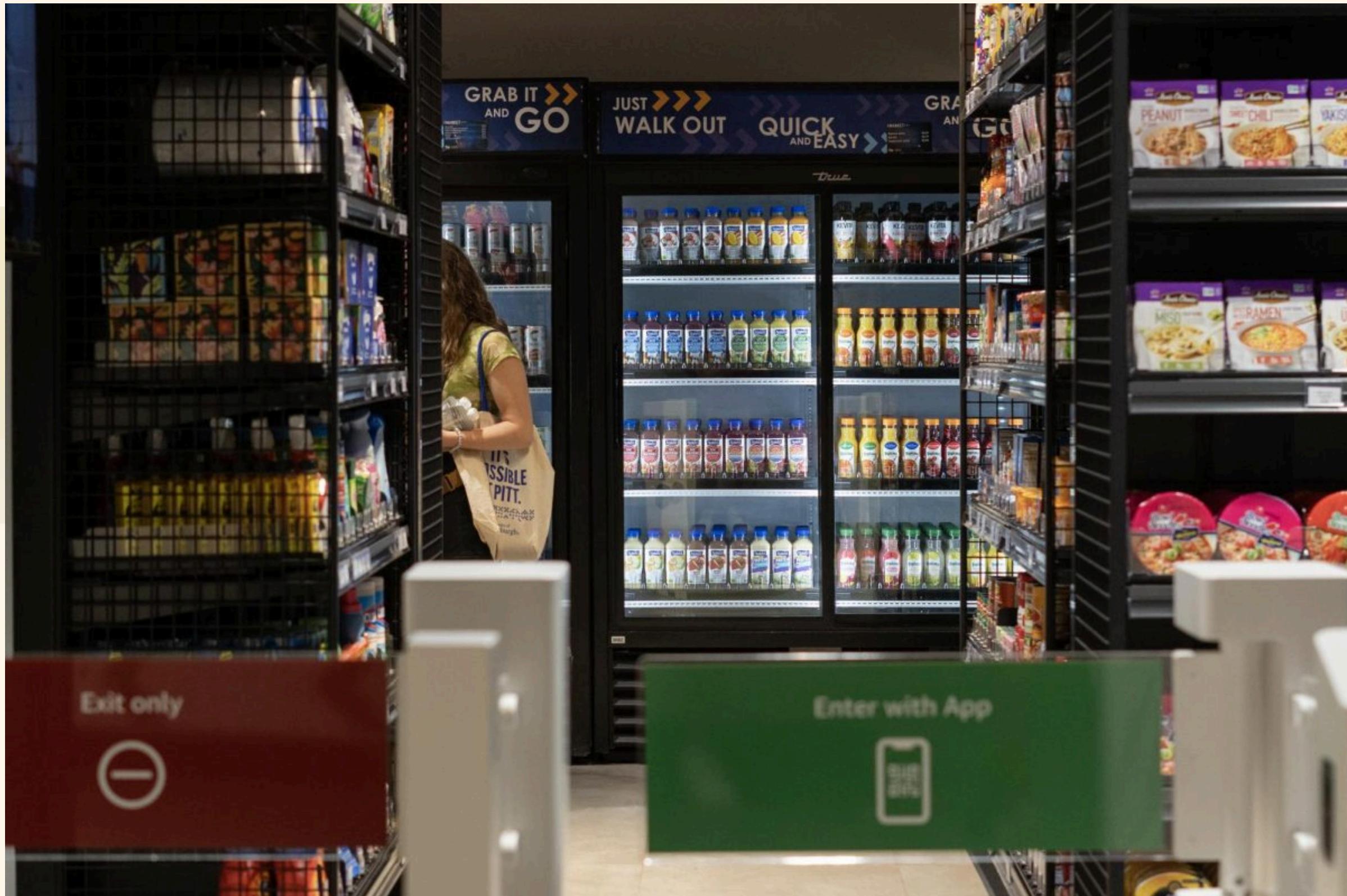


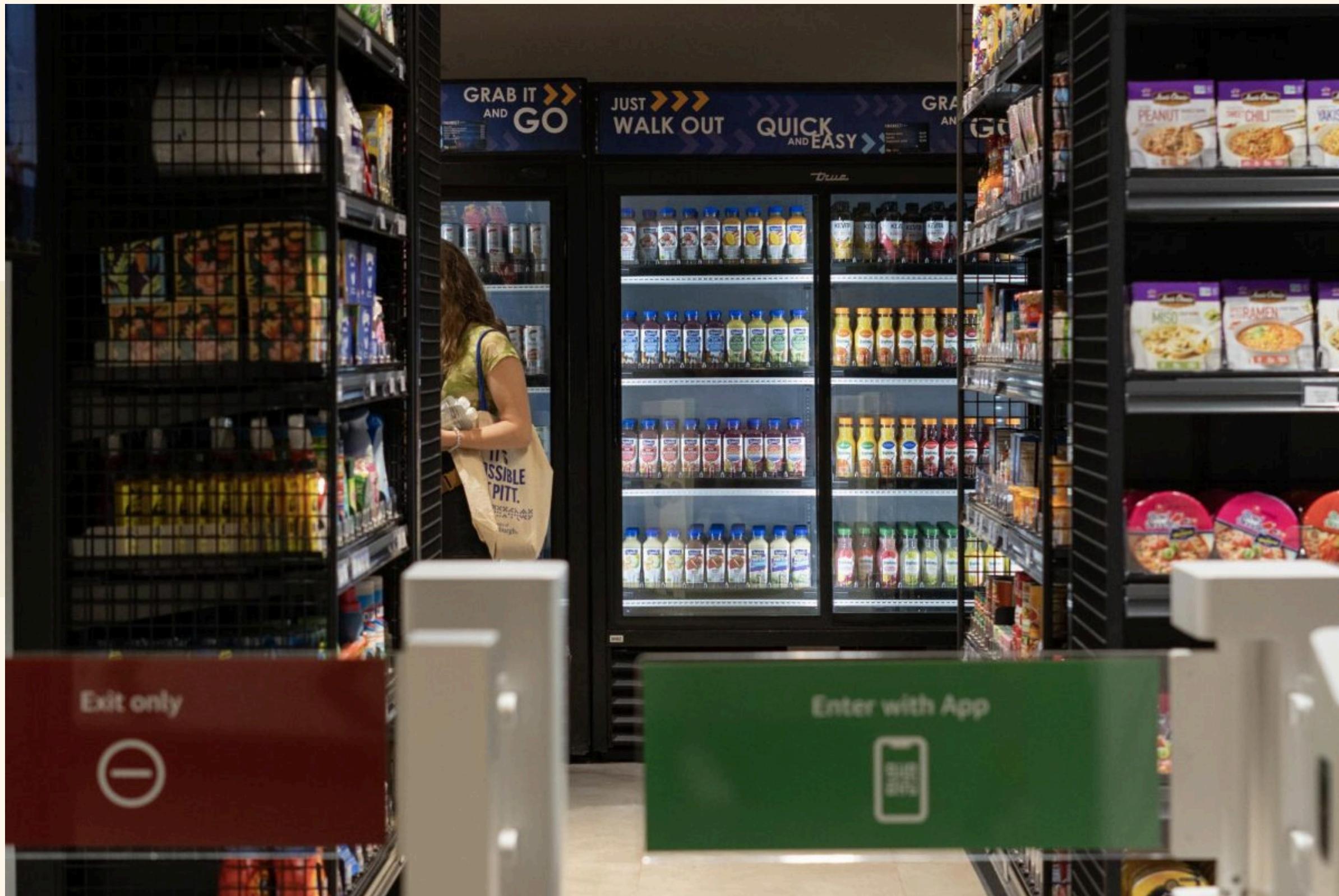
“A team works on their game at the Games 4 Social Impact Jam on Friday, Oct. 18.”





“Police watch protesters during the event at Schenley Plaza on Tuesday.”





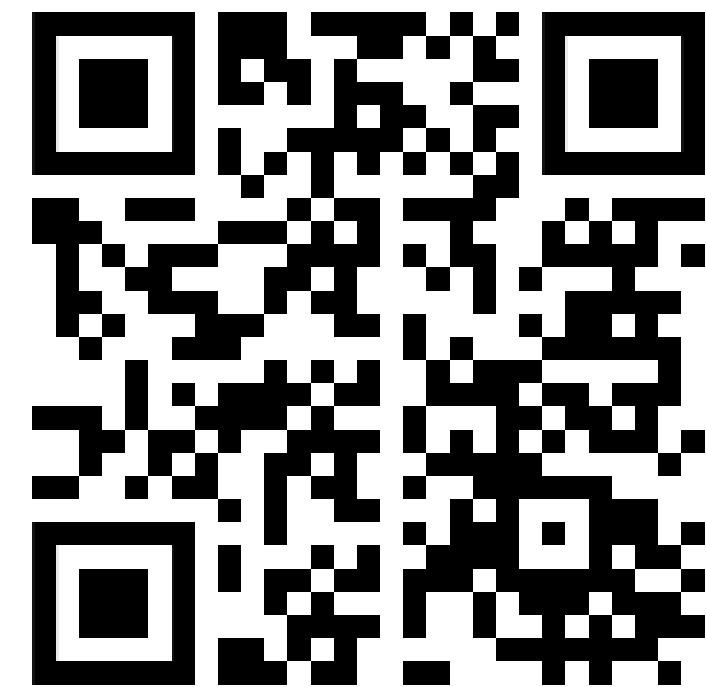
A Pitt student shops in the new “Grab it and Go” store.



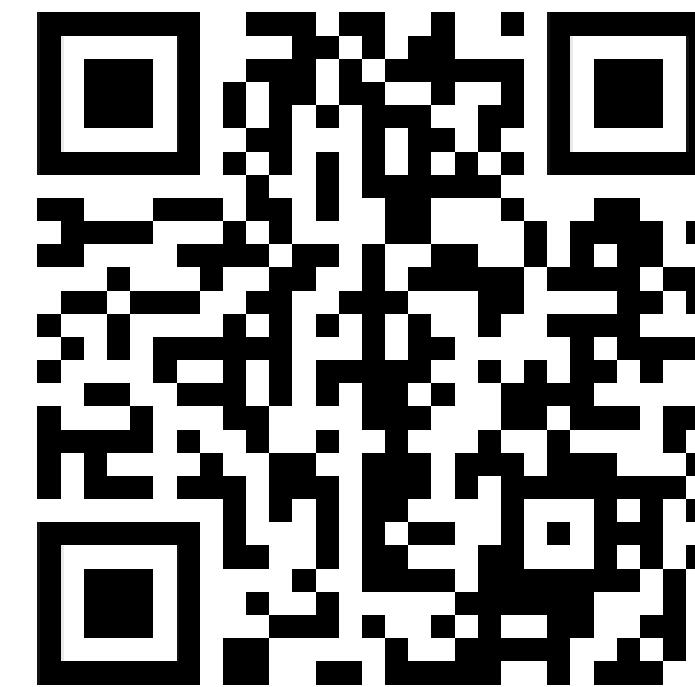


Spilled trash cans on Chesterfield
Road in Oakland.

Some Resources!

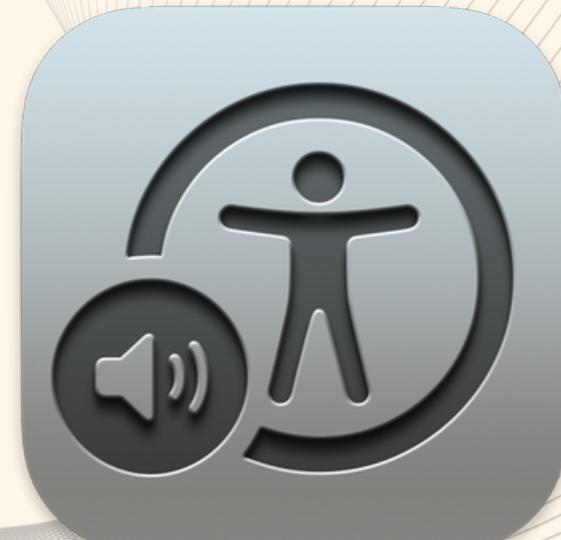


[WebAIM Million Project](#)



[YouTube – Accessibility Basics](#)

You can also leverage tools in your browser like
[Lighthouse](#) and [WAVE!](#)



Apple's VoiceOver

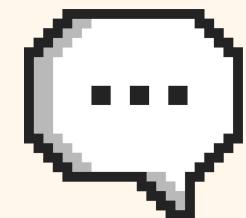


The Most Foolproof Method?

Running a screenreader on two versions of your site! This is known in industry as an **A/B Test**.

Testing Version A against Version B.

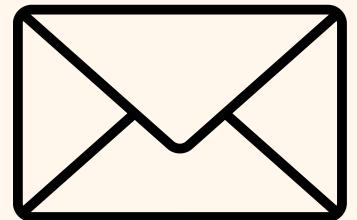
Ways to Contact Us!



@uxdpitt



UXD Discord Server



lbs57@pitt.edu

Thank you for coming!

Sign In Form



Discord Server

