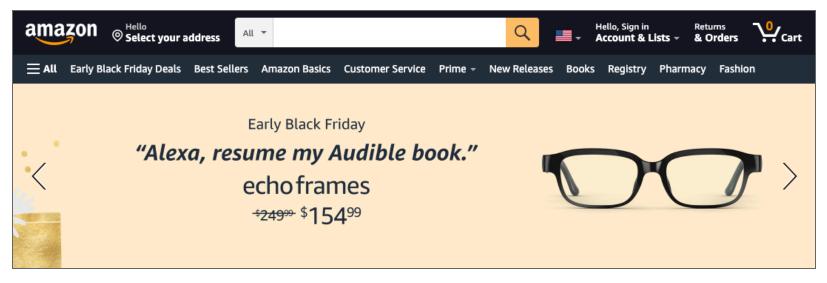
#### The Carousel

Carousel / Slide Show / Image Rotation

- Shows multiple blocks/images
- One/Few at a time
- May auto-advance, May be manual
- Often arrows at the side
- Sometimes indicators at the bottom





#### Carousels are often BAD

- Auto-rotation is *particularly* bad
  - Lots of accessibility problems
  - Lots of usability problems
- Non-first content is very hidden
  - Almost never the actual desire

https://shouldiuseacarousel.com/

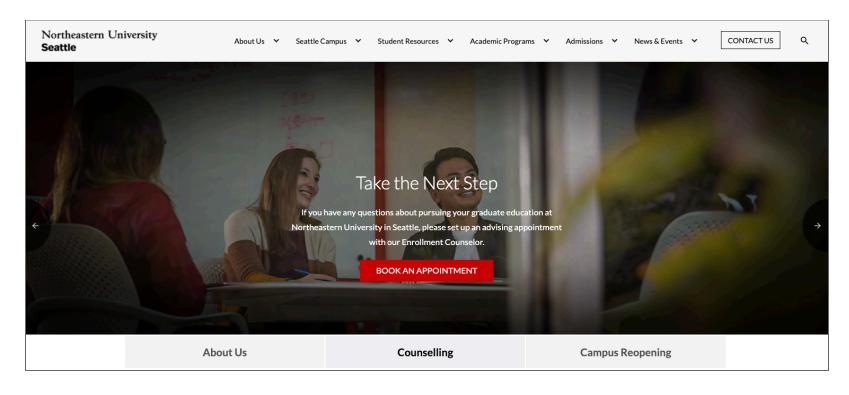
#### **Bad reasons to use a Carousels**

- Management wants everything to be on the page
  - Above the fold
  - Inherently flawed
  - Won't be how they describe their desire
  - But it is their desire
- You will see more often on sales sites
  - Like all ads, they want oversaturation
    - Okay if users miss some content
  - This is not a model FOR users

#### **Tolerable reasons for a Carousel?**

- No auto-rotation
- Use like tabs
  - But with a "next/prev" option available
    - Arrows (w/a11y text!)
  - Must declare contents
- Large listing?
  - Think netflix/youtube
  - Allows two direction of scrolling
    - But is that good?

## Are those good enough?



## Lots of "unused" space

- Focus on image, not text
- Image is "feeling", not detail
  - Avoids begin too dense
  - But carousels are desired because of too much density

### Space used to avoid a page

"Seattle Campus is located in the heart of the tech companies, providing great working and study environments and flexible co-op opportunities."

-Emily Fan, MPS in Analytics



### What if the boss demands it?

- No auto-rotation
  - If must, have a stop/pause
    - Also pause on hover/focus
- Accessible controls
- Alternative text

### **Summary - Carousel**

- A set of panels with text or images
- Shown one-at-a-time
- May auto-advance/rotate
- Usually has "arrows" for prev/next
- May have progress indicators
  - Dots/thumbnails
  - These often allow selection

### **Summary - Issues with Purpose**

Often used to put "more" on page

- But that "more" goes largely unseen
- Means: Content deemed "important"
  - Treated as unimportant

# **Summary - Accessibility Issues**

- Auto-rotation is BAD
  - Speed (impacts reading time)
  - Visual interruption
  - Verbal interrupts w/screen reader
- So much visual content
- Small controls
  - Often without text