Advancing Accessibility with Mobile
How Natural User Interfaces Make Life Easier for All Ages and Abilities

Resource guide for March 2019 webinar by Nicole Hennig

Books


Articles

Understanding disabilities


Wade, Carrie. Pity is Not Progress: Why disabled people don’t need to be “fixed.” Medium. https://medium.com/@wadeacar/pity-is-not-progress-f416f0491f9e

**Touchscreens and haptic technologies**

Connell, Mike. “Why a touchscreen (tablet or iPad) is better than a mouse and keyboard for young learners.” NativeBrain. http://www.nativebrain.com/2012/12/why-use-an-ipad-for-early-learning-when-a-computer-will-do/


**Hearables**


**Speech recognition & conversational interfaces**


**Camera input**


**Mobile accessibility features**

**iOS**


**Android**

Success stories

Stories of success are from the site Bridging Apps: http://bridgingapps.org

1. Susan’s success story:
   http://bridgingapps.org/2015/08/susans-success-story/
   App: ProLoQuo2Go
   http://www.assistiveware.com/product/proloquo2go
2. Colin’s success story:
   http://bridgingapps.org/2015/06/collins-success-story/
   App: Write My Name
3. Todd’s success story:
4. Connor’s success story:
   http://bridgingapps.org/2014/01/connors-success-story/

Bookshare service:
https://www.bookshare.org
Read2Go
https://www.bookshare.org/cms/help-center/reading-tools/read2go

Bridging Apps also has a useful search engine for discovering apps for special needs:
https://insignio.bridgingapps.org/lists

Apps & devices

Touch

3D Brain – Human Anatomy. Android & iOS. http://www.g2conline.org

Complete Anatomy, iOS. http://completeanatomy.3d4medical.com

Apple Watch 101. A live demo of getting walking directions from The Watch and Apple Maps.

http://www.mollywatt.com/blog/entry/my-ears-my-eyes-my-apple-watch
Sound

https://www.merriam-webster.com/apps

Pedlar Lady of Gushing Cross – reading aloud. iOS.

Capti Voice – reading aloud. iOS, Mac & Windows.
https://www.captivoice.com/capti-site/

Blindsquare – audio wayfinding for the blind. iOS. http://blindsquare.com

Smart Speakers:

Wollerton, Megan. “Siri vs. Alexa vs. Google Assistant.” CNET.

ReSound LiNX2 Smart Aid – smart hearing aid.


Sight

Google Translate. Android & iOS.
iOS: https://itunes.apple.com/us/app/google-translate/id414706506?mt=8

Leafsnap – camera for tree identification. iOS. http://leafsnap.com

LookTel Money Reader – camera for currency recognition. iOS.
http://www.looktel.com

KNFB Reader – camera for currency recognition. Android & iOS.
http://www.knfbreader.com

Aipoly – camera for recognizing objects around you. iOS. http://aipoly.com

Staying current


I cover the best apps for use in educational settings, the latest information about apps for accessibility, and thought-provoking articles about emerging technologies.