

AT for Vision Access in Education and Beyond

Danny Housley
IDEAS 2019

CREATING THE NEXT®

CIDI creates practical solutions that work, with a focus on utility, ease of use, and high quality.

- Accessibility Consulting
- Braille Services
- Captioning Services
- Professional E-Text Producers
- Certified Assistive Technology

Tools for Life

Tools for Life, Georgia's Assistive Technology Act Program, is dedicated to increasing access to and acquisition of assistive technology (AT) devices and services for Georgians of all ages and disabilities so they can live, learn, work, and play independently and with greater freedom in the communities of their choice.



Professional Development



Tools for Life offers online professional development to help you learn more about assistive technology strategies and solutions, as well as the most recent information on AT devices and disability related issues and trends.

Webinar content and materials are developed and presented by one of the Tools for Life team members along with other regional and national leaders in the assistive technology community.

To join the TFL mailing list to receive our email announcements, visit www.gatfl.gatech.edu.

What AT is the *right* AT?

Ask!

Environmental factors

Placement

Low tech options are just as important
as mid/high tech (also, more affordable)

Spatial considerations

What has the student already used?

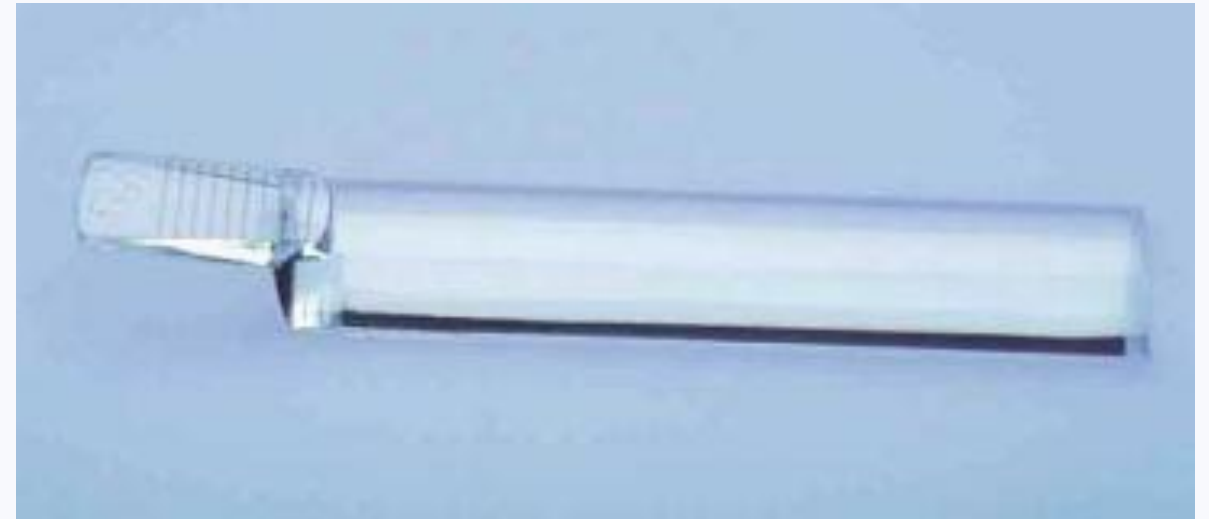


Asking Avoids Tech Abandonment (and future frustration)



Low Tech Solutions

Inexpensive and Reliable





Medium Tech Solutions

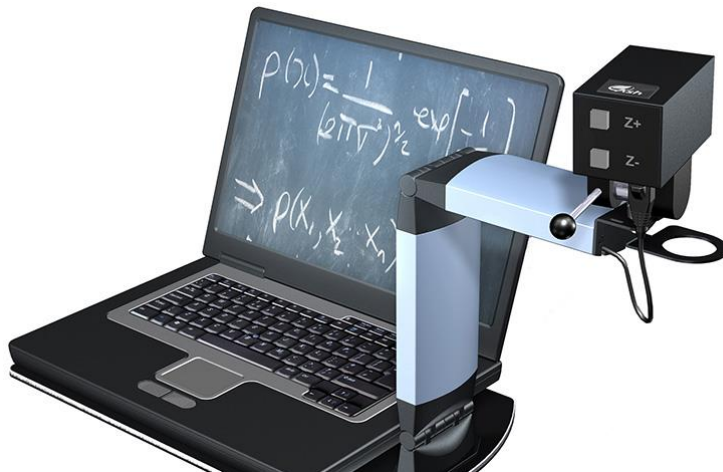
Mid Tech Mid Price





High Tech Solutions

High Tech High Value



Something to Consider: Software



Apps for Independence

App Finder Database

<http://www.gatfl.gatech.edu/favorite-search.php>

Choose between Apple, Microsoft, Android and Blackberry

Search by app function or name

Search by price

“Our favorites”

Optical Character Recognition

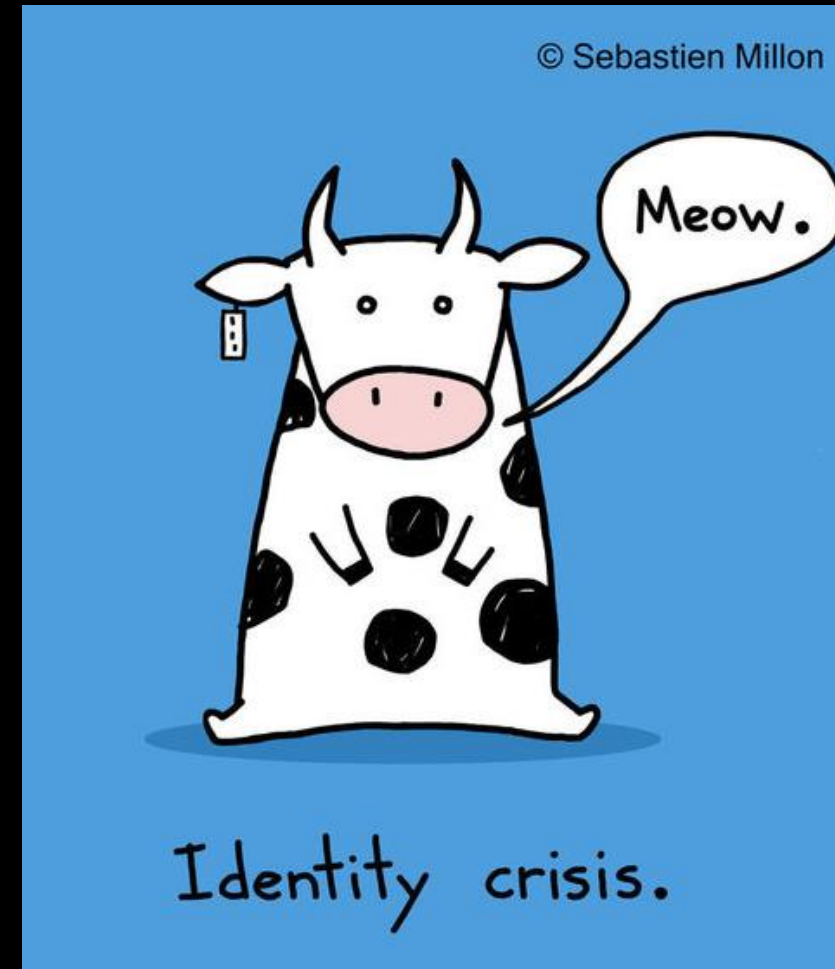
- Several options and various price points
 - Handwriting can be tricky
1. Seeing AI – Free (multi-function)
 2. KNFB Reader – \$99
 3. Office Lens – Free (great for students)



Apps for Identification

Using your camera to get descriptions

1. TapTapSee – Free
2. Google Goggles – Free
3. CamFind – Free
4. Seeing AI – Free

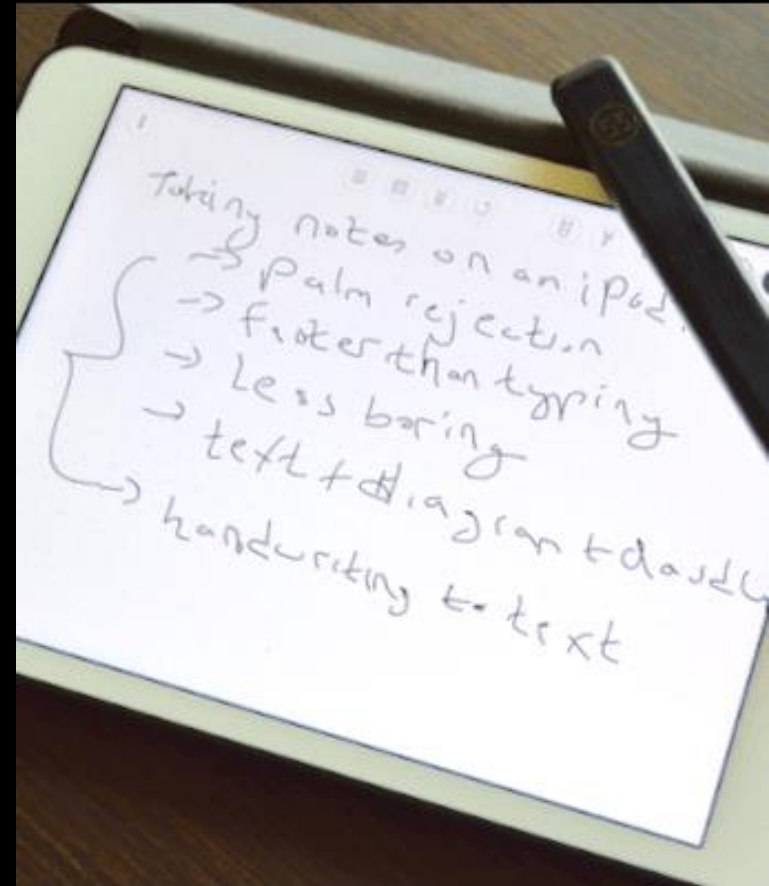


Note Taking

How to input?

Organizing/Annotating

1. GoodNotes – \$7.99
2. Liquid Text – Free
3. Evernote – Free
4. OneNote – Free





Wearables for Access

The Fastest Growing Market

Head Based Video Magnifiers



OrCam My Eye

Device that attaches to glasses:

- OCR
- Facial recognition
- Product recognition
- Wireless
- Point of Gaze



Apple Watch

- Send and receive texts/calls
- Apps
- Can be used for fitness
- Heart rate monitor
- GPS
- “Hey Siri”
- Haptic feedback
- Fall detection



Dot Watch

- Pick up or decline calls
- Text messages in Braille!
- Calendar
- Weather
- 10 day battery



Proximity Alerts





Braille Access on the Go!

Braille is Empowering!

Braille on the Go



The More Cells the Better

Canute

360 cells: nine line of forty characters of Braille

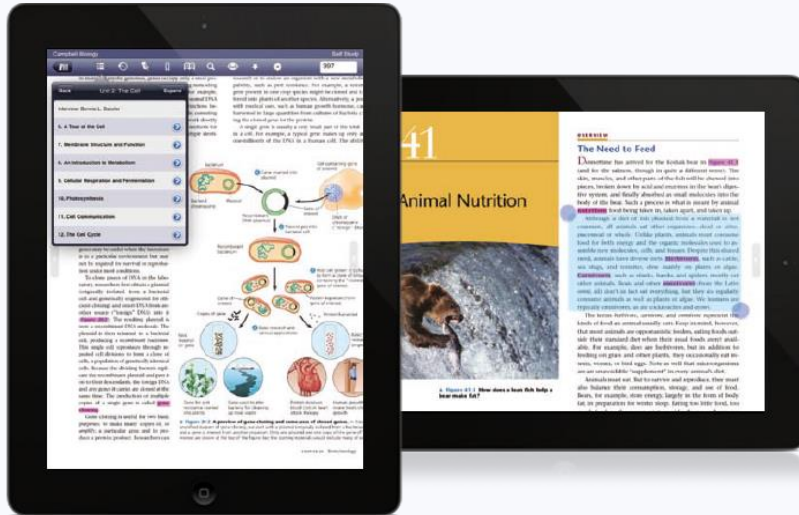
Supports all six-dot Braille codes (including music, maths and foreign languages) and tactile graphics

2 X USB A; 1 X USB A; Video out, SD Card slot; 3.55mm audio out

Estimated \$1,300 – in development



Don't Forget Alternate Formats



The Tools for Life Team



Liz Persaud

Program and Outreach Manager
liz.persaud@gatfl.gatech.edu



Martha Rust

AT Access Team Manager
martha.rust@gatfl.gatech.edu



Danny Housley

AT Acquisition Manager
danny.housley@gatfl.gatech.edu



Ben Jacobs

Accommodations Specialist
ben.jacobs@gatfl.gatech.edu



Carolyn Phillips

Director, Tools for Life
carolyn.phillips@gatfl.gatech.edu



Rachel Wilson

AT Specialist
rachel.wilson@gatfl.gatech.edu



Sam Peters

Program Specialist
speters37@gatech.edu



Sarah Endicott

Research Scientist
sarah.endicott@design.gatech.edu



Tori Holder

Outreach Scientist
tori.holder@gatfl.gatech.edu



Ciara Montes

AT Specialist
ciara.montes@gatfl.gatech.edu



Annabel Joyner

Graphic Design Intern
ajoyner8@gatech.edu



DeeDee Bunn

Speech-Language Pathologist
dbunn6@gatech.edu



Ben Satterfield

Research Associate
rsatterfield8@gatech.edu

Contact Us



Tools for Life, Georgia's Assistive Technology Act Program

Center for Inclusive Design and Innovation (formerly AMAC Accessibility)

Georgia Institute of Technology

1-800-497-8665

www.gatfl.gatech.edu

info@gatfl.gatech.edu



facebook.com/gatoolsforlife



@tools4life_at



@tools4life_at

Disclaimer: Produced by Tools for Life (TFL), which is a result of the Assistive Technology Act of 1998, as amended in 2004. TFL is a program of the Georgia Institute of Technology, College of Design, Center for Inclusive Design and Innovation (formerly AMAC Accessibility) and was made possible by Grant Number H224C030009 from the Administration for Community Living. Its contents are solely the responsibility of the authors and do not necessarily represent the official views of HHS.