Assistive Technology Faire

February 22, 2024

TINA

TINA Healthcare - Ali Kight, PhD Candidate



TINA Healthcare has built the first assistive device for mensuration. Our product, **TINA**, the Tampon INsertion Aid, is a reusable device that clips onto off-the-shelf tampons and facilitates insertion and removal. TINA was originally designed for people with spinal cord injuries but now supports people with a broad range of mobility limitations and body types. TINA Healthcare's mission is to build a suite of products that enables and empowers every body to manage their menstrual cycles and reproductive health with ease and comfort





BeeLine Reader

BeeLine Reader, Inc - Nick Lum



BeeLine Reader is a software tool that improves reading ability by displaying text using a color gradient that wraps from the end of one line to the beginning of the next. This gradient pulls the reader's eyes through the text, making reading easier. This approach is especially helpful for readers with dyslexia, ADHD, and various vision impairments.











Interactive Control of a Virtual Prosthetic Arm

Shivani Guptasarma - ARM Lab



"At the ARM Lab, the **Intelligent Prosthetic Arm** (IPARM) project has built an immersive simulation platform to improve the control of powered prosthetic arms using computer vision and augmented reality."





911Finder Cellular

911 Tracker - Chuck & Susan Roedel



"The **911Finder** serves people with dementia, Alzheimer's, Autism, or who are prone to wander - featuring fall detection with GPS. It provides peace of mind for the caregiver that the wearer is safe. The wearer and caregiver can call each other with the touch of a button. The caregiver's 911Finder App receives an alert if the wearer is outside a Safe Zone or falls. If the caregiver believes the wearer is having an emergency, the App can command Finder to use its patented method to make a 3-way call between the caregiver and the 911-Operator located nearest the wearer. Finder provides real-time GPS to help First Responders get to the wearer quickly."







Silicon Valley Independent Living Center

Silicon Valley Independent Living Center - Joe Escalante



Silicon Valley Independent Living Center (SVILC) is a crossdisability, intergenerational, and multicultural disability justice organization that creates fully inclusive communities that value the dignity, equality, freedom and worth of every human being. SVILC maintains a lending library of assistive technology so consumers may borrow a device free of charge and try it before buying it, use it to compare similar devices, or to use while a personal device is being repaired.



















