

FAU Announces Availability of LibAR

FAU Library's First Augmented Reality (AR) Librarian

Boca Raton, FL— 2022 — In the December Event, FAU will announce the release of LibAR, enabling FAU students and staff to immediately take advantage the most powerful and intriguing Augmented Reality (AR) smart assistant for the FAU Library.

Purpose

LibAR is a one stop shop product that implements an augmented reality assistant on a HoloLens 2 to aide the students and staff of FAU library to have everything at their fingertips! Utilizing hand gestures and naturally speaking to the virtual assistant, students and staff members can take advantage of features to access all of FAU Library's capabilities. This includes features to see a dashboard or printers and available computers, desks, and study rooms, IT staff can view the health of computers and view/submit tickets for specific workstations. Students can search for books by author, title, or general topic. Using LibAR, students can also book a study or conference meeting room. Users are guided by voice and spectacular visual animations to exactly where a book or room is. And again, all these features can be interacted with by using hand gestures, glances, or voice commands. Be sure to check out the hand and eye interaction it will amaze you.

Why do we need this?

A lot of students go into the library to try to find a book and they don't know where they can find it. They spend precious time trying to figure out simply where should they start. Then once they have this they don't know where else to look or who to go to. Sometimes, believe it or not students actually go to the library to find a quiet place to study and the need to book a study room is very important, but how do you know which room is available, and how do you reserve the room?

As for staff, printers break, computers break, and many things need maintenance and students need help. Staff spend their precious time trying to determine which printer and which computer needs what servicing. There needs to be an easy way to get this information, student usage and general computer health. How do they do this? LibAR is how!

How does LibAR solve these challenges?

LibAR solves these challenges by making it very quick and easy to find what you're looking for, through a heads-up display, Augmented reality virtual assistant which can tell you everything you need including step by step directions.

LibAR provides an AR experience that uses the HoloLens 2 device to provide users with an easy way to search, get directions to books, get directions to study rooms, and view IT dashboards to monitor and get information about the FAU Library resources such as printers and workstations.

Positive Customer Impact

Many students and staff have already enrolled in our early release and trial of LibAR. The following is one very excited famous customer:

"I came to the library to find a particular book on AI integration with engineering projects. The library staff guided me to the

LibAR system and it made finding all the books I needed for my research quickly and easily. I would highly recommend anyone to give LibAR a try.” -Elon Musk

Note from the team

“Our engineering team chose developers at the top of their class to create an innovative application that can help users track down library resources with a state-of-the-art augmented reality environment. We are creating on the bleeding edge to bring the future to you!”-Anthony Robustelli

Call to action

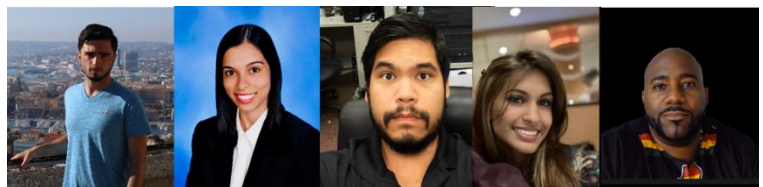
To get started, go to the FAU Library, look for the LibAR desk and signage and pick up a HoloLens 2 Headset. Place the HoloLens2 on their head and adjust it to be able to get the best experience. This can be done by adjusting the adjustment wheel and turning the knob to lose or turning the knob to tighten on the back of the HoloLens. If a user wear glasses, they can leave the glasses on. Once the users adjusts the HoloLens and it is on, they will be presented with a screen asking the user to log in with their FAU credentials and then be brought to a Single Sign on screen to verify their identity.

The LibAR application will most likely be already running, but if it’s not look for the LibAR icon and say “select”. Once you start the application, you will have the ability to interact with buttons, holograms, and Owlsey the assistant. So go ahead and take a spin with LibAR!

For more information, press only:

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For more information on LibAR:

Visit [LibAR - Repos \(azure.com\)](https://github.com/FAU-Library/libar)