AUGMENTED EXPERIENCES: USING AUGMENTED REALITY (AR) FOR TOURS, ESCAPE ROOMS, AND EXHIBITS IN THE LIBRARY
VIRTUAL REALITY
AUGMENTED REALITY
ShelvAR
Beginning with ARIS
Create location-based games and stories
Feature Tour
Exhibits
Escape Room
Try It Out
Try It Out

iPad

Your Phone

Consider Applications

bit.ly/ula2019

10:00
Reflect
Spectrum of Tools and Investment

Time
Devices
<table>
<thead>
<tr>
<th>Prebuilt Apps (BlippAR, Spark AR)</th>
<th>Time</th>
<th>Cost</th>
<th>Expertise</th>
<th>Pros</th>
<th>Cons</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Low</td>
<td>Freemium</td>
<td>Low</td>
<td>Easy Entry, fast, App Support</td>
<td>Limited options, download app</td>
</tr>
</tbody>
</table>
Spectrum of Tools and Investment

Prebuilt Apps (BlippAR, Spark AR)

Banned Books Week
Cynthia Kane, ALA
2015 Presentation

Memorial Exhibit

Information Literacy Assignment

Dr. Terri Summey, Bethanie O-Dell
Emporia State University
## Spectrum of Tools and Investment

<table>
<thead>
<tr>
<th>Prebuilt Apps (BlippAR, Spark AR)</th>
<th>Advanced Apps (ARIS)</th>
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<tbody>
<tr>
<td><strong>Time</strong></td>
<td>Medium</td>
</tr>
<tr>
<td><strong>Cost</strong></td>
<td>Free</td>
</tr>
<tr>
<td><strong>Expertise</strong></td>
<td>Low-Medium, HTML and Javascript experience helps</td>
</tr>
<tr>
<td><strong>Pros</strong></td>
<td>Drag and drop interface, expansive interactive features</td>
</tr>
<tr>
<td><strong>Cons</strong></td>
<td>Download App, only on iOS, slow loading times</td>
</tr>
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</table>
Spectrum of Tools and Investment

Prebuilt Apps
(BlippAR, Spark AR)

Advanced Apps
(ARIS)

11:46 AM  Wed May 15

BU FYS Library Instruction

Map

- Quests
- Inventory
- Scanner
- Decoder
- Player
- Notebook

Hello! Can you do a quick task for me?

No
Yes

Rod Library Feature Tour
Spectrum of Tools and Investment

Prebuilt Apps (BlippAR, Spark AR)

Advanced Apps (ARIS)

Escape the Library: The Path Out

Butler First Year Writing Instruction
## Spectrum of Tools and Investment

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<td>Prebuilt Apps (BlippAR, Spark AR)</td>
<td>Medium-High</td>
<td>Free (Need web hosting)</td>
<td>Medium Web Development</td>
<td>Web based, multiplatform, speed, customization, community</td>
<td>Sound barriers, Not drag and drop (yet!), only marker based tracking</td>
</tr>
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<td>Advanced Apps (ARIS)</td>
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<td>Web-Based (A-Frame + AR.JS)</td>
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Spectrum of Tools and Investment

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(ARIS)

Web-Based
(A-Frame + AR.JS)
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<td>Prebuilt Apps (BlippAR, Spark AR)</td>
<td>Medium-High</td>
<td>Freemium</td>
<td>Low to Medium Unreal/Unity Experience</td>
<td>Highly customizable, Pre-made objects, extensive tracking options</td>
<td>App-based, significant personnel investment</td>
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Spectrum of Tools and Investment

Prebuilt Apps (BlippAR, Spark AR)

Advanced Apps (ARIS)

Web-Based (A-Frame + AR.JS)

Other (Unity, Unreal)
Avoiding Technological Gravity
Conclusion
Questions?

Matt Armstrong
matt_armstrong@byu.edu

Matthew Phillips
mathyou9@byu.edu
● Photos from Unsplash
● Harvard Business Review
● ShelvAR
● ARIS
● BlippAR
● “Bring Your LibrARy to Life” ACRL Conference 2019. Dr. Terri Summey & Bethanie O’Dell
● A-Frame
● AR.JS
● Adoption Market Graphic - Crazy Egg