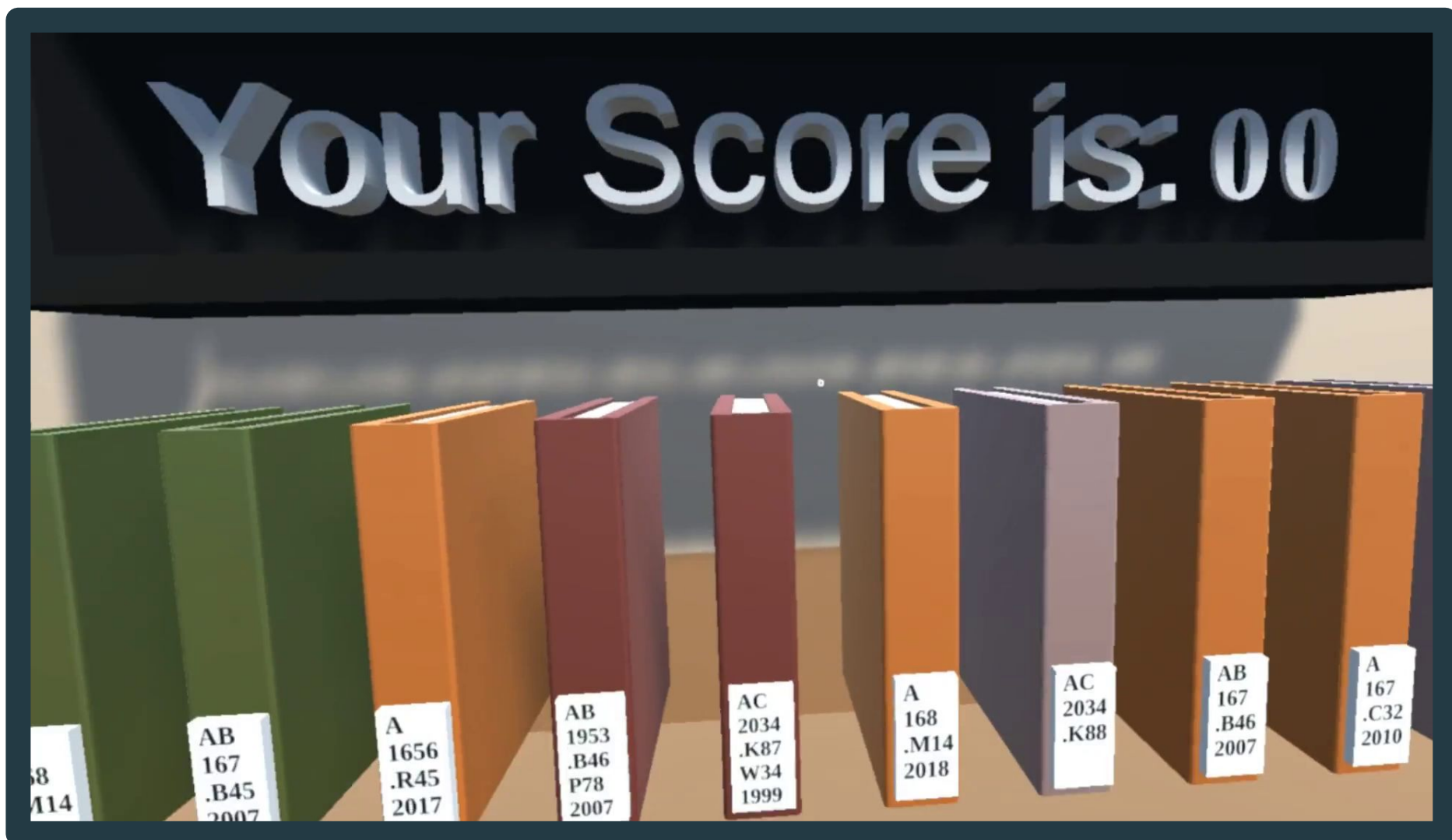


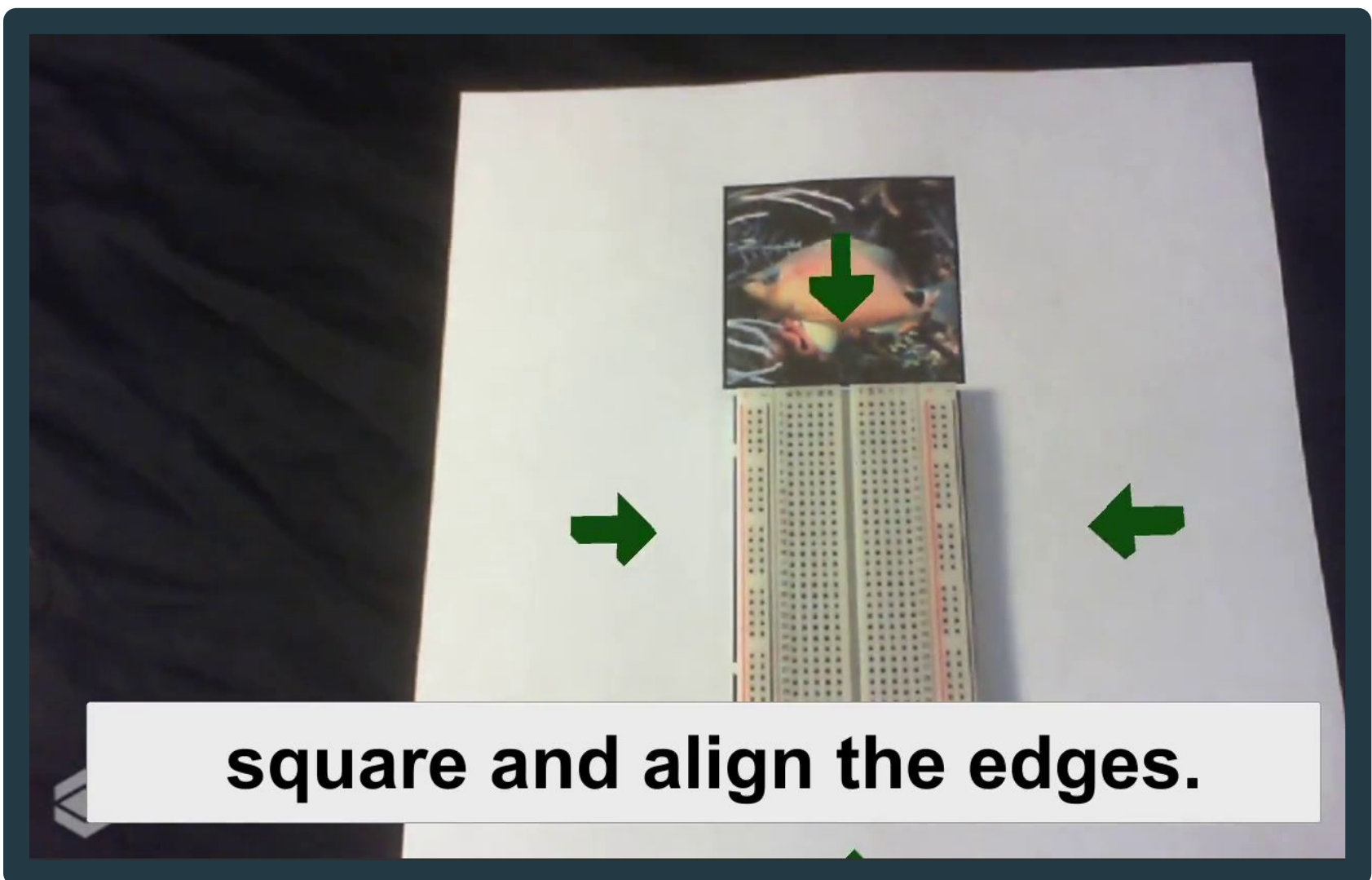
# A Framework for Augmented and Virtual Reality Job Training: Using Digital Realities and Gamification to Improve Workplace and Educational Efficiency

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## ShelvingVR

A prototype shelving simulator  
for training student workers /  
community volunteers



## ElectronicsAR

A prototype electronics assembly  
simulator for computer guided  
teaching in makerspaces



## Problems:

There is a need to provide modern instruction and training in the library and information field.

Would those in the library field be willing to hire those who score perfect scores in VR as student workers / community volunteers?

What are the current and prevailing attitudes towards AR and VR technologies?

## Results:

The survey shows that those in the library technology field (not shown, two other listservs) are more likely to implement AR/VR technology. Those outside of the field are more likely to be concerned about the technology but would not rule out hiring individuals trained in it.

Throughout the library field, however, there is a need for training and meaningful AR/VR software, a problem which has been solved by this capstone project.

## Conclusion:

ShelvingVR and ElectronicsAR are meaningful open educational resources/software that other libraries can use for their AR/VR labs.

Libraries need to address several problems found in the survey in order to successfully implement an AR/VR lab.

That AR and VR technologies can be used as a way to screen potential hires for entry level jobs.