

# All Together Now: AUC Woodruff Library's Coding Interest Group



Atlanta University Center  
Robert W. Woodruff Library

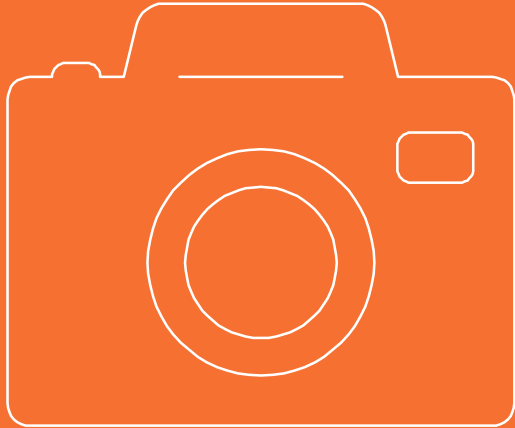
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# Overview



1. Background & Justifications
2. Approaches to Learning
  - a. Traditional Classroom
  - b. Project-Based Learning
3. Project: Digital Signage
4. Takeaways & Conclusions

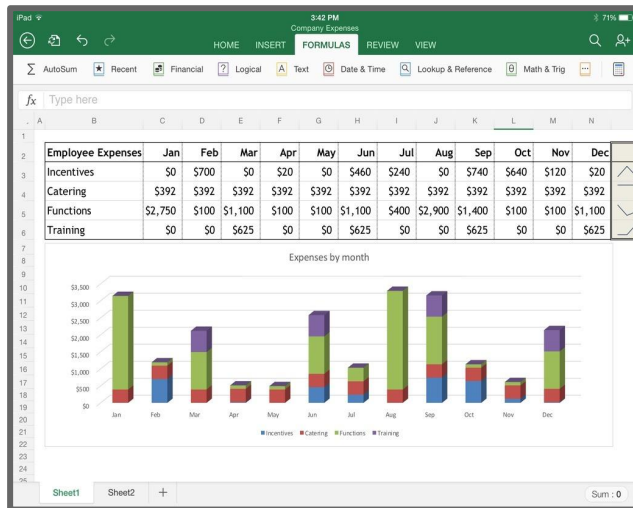
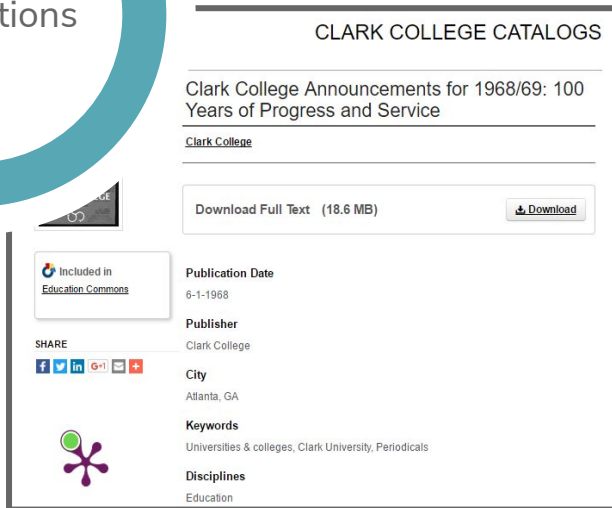
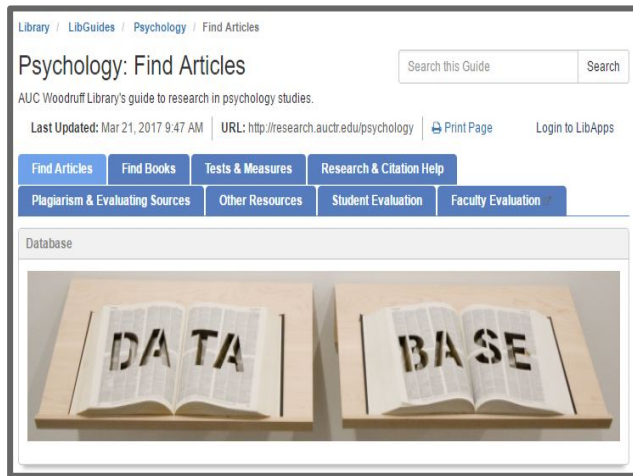
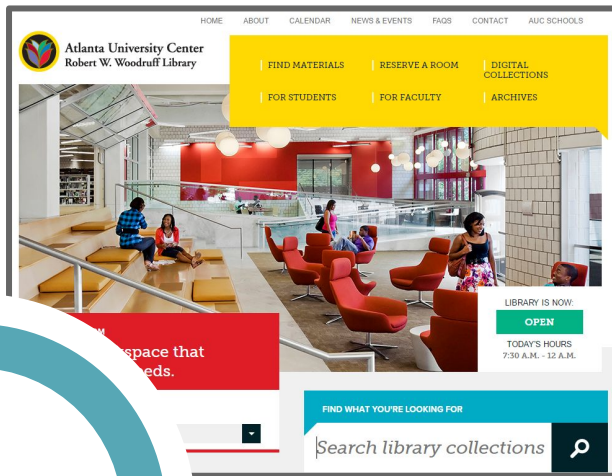
# 1.

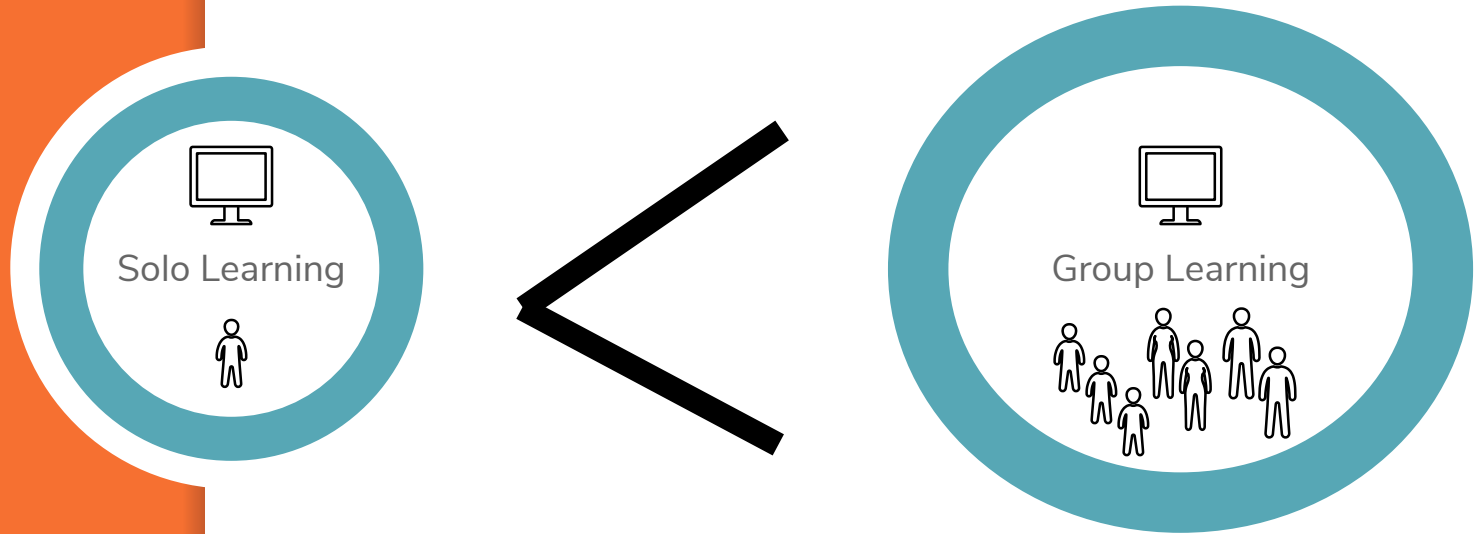
## BACKGROUND & JUSTIFICATIONS



Markup /  
coding is  
everywhere

## Applications





different experiences / perspectives, motivation,  
social aspect, consistency, information sharing

# 2.

## APPROACHES TO LEARNING





# Traditional Classroom



1. Identify subject: HTML/CSS
2. Use a pre-made structured approach: textbooks, online courses (Codecademy, edX)
3. Test knowledge through quizzes / tests, discussions
4. Repeat



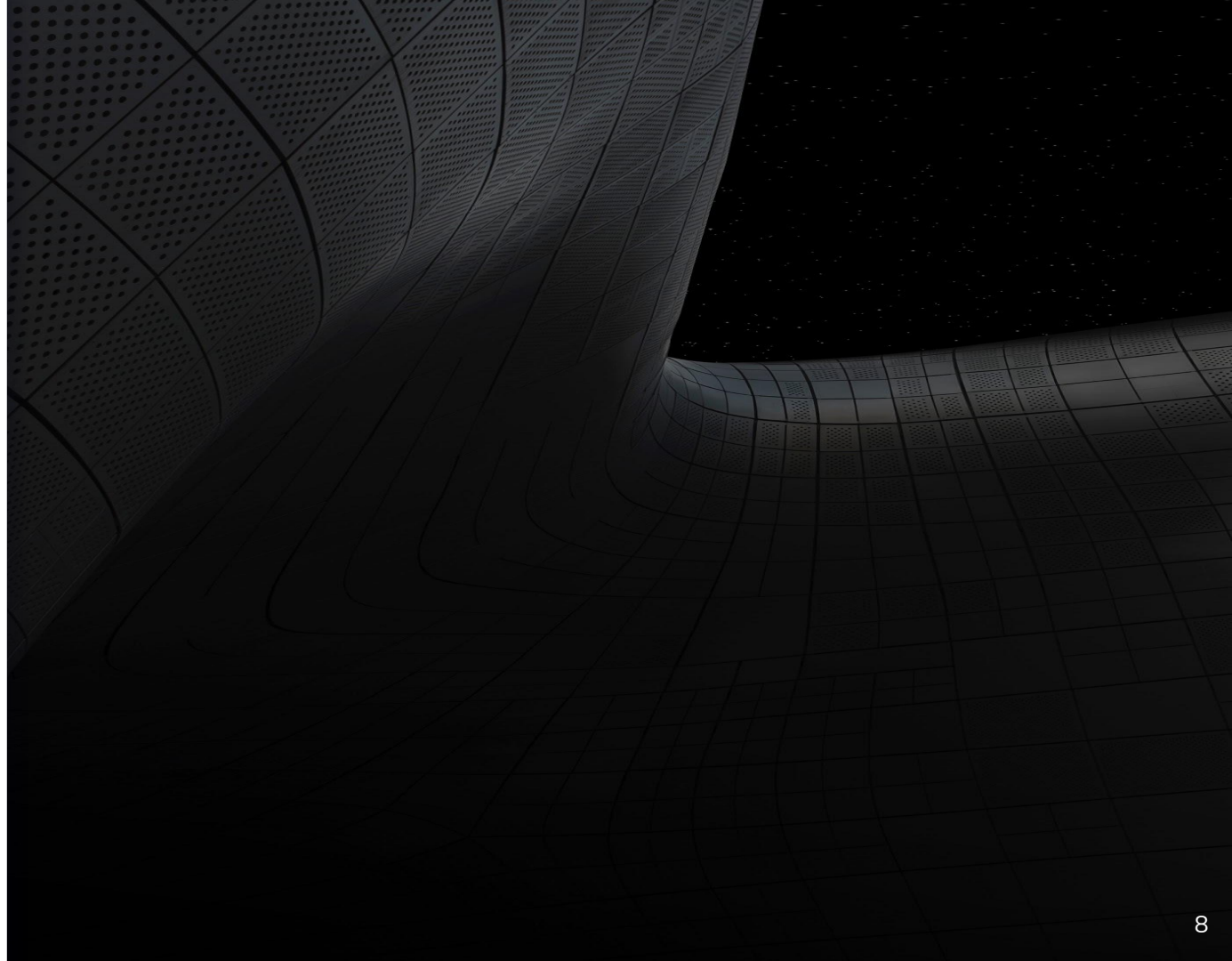
# Project-Based Learning



1. Identify useful project and outcomes
2. Structure your own course of learning
3. Identify learning resources
4. Learn & work on project
5. Share and reflect on learning and outcomes
6. Repeat

# 3.

## PROJECT: DIGITAL SIGNAGE





# Project Parameters

- Wanted to build on our previous study of HTML5, CSS and JavaScript
- A website – but to what end?
- Utilize existing infrastructure

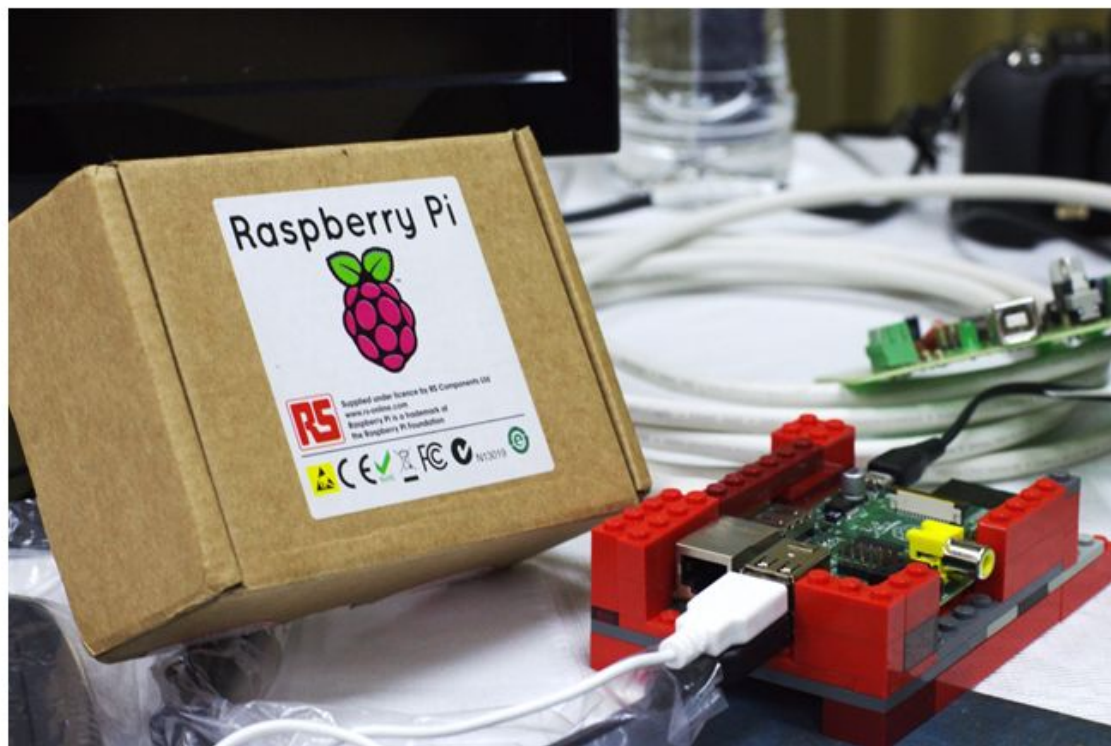
# Raspberry Pi?



(point)



# No, this Raspberry Pi.



What did we have?



- Flat screen monitors/televisions? Check.
- Raspberry Pi? Check x 3.
- Knowledge of HTML5? Check.
- Knowledge of CSS? Check.

What else  
did we need?



- Knowledge of Linux and Command line.
- Knowledge of JavaScript.
- Clearly delineated tasks.
- A plan.



# Which team are you on?

Team HTML/CSS



Team Images



Team Carousel





# Future Projects



# 4.

## TAKEAWAYS & CONCLUSIONS



## What did we learn?

*Apart from how to be awesome.*

- Meet regularly in the same space.
- Find a way to share duties within the group.
- Try to find a consultant or outside support.
- Document successes
  - Internal reports
  - Journal articles
  - Blog posts
  - Conference presentations
- Share what we learned from failures.
- Never stop learning.



# Sharing Our Adventures

- Zotero Library
- Blog?
- Social Media?
- Online Community?
- Local Group?
- Others?



## Credits

*Special thanks to all members of the Coding Interest Group and the AUC Woodruff Library Administration.*



- Ulysses presentation template by [SlidesCarnival.com](https://www.slidescarnival.com/)
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