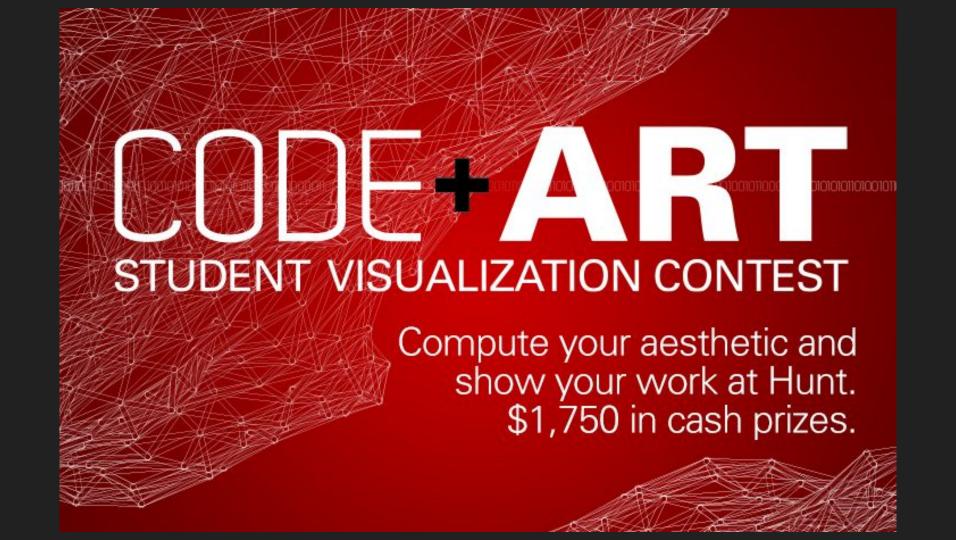
# Code+Art

Expanding creative coding opportunities at NCSU Libraries



### Code+Art

- contest for students hosted by NCSU Libraries, sponsored by Christie Digital Systems (maker of MicroTiles)
- gain attractive student-designed visualizations for largescale video walls
- build awareness about creative coding on campus

Creative coding: making art with code.

# contest structure in 2014-2015: proposal process project development final judging

# Outcomes:

- -Two sophisticated student-created art pieces for Libraries video walls
- -Faculty contacts

# "Fractal Forest"



# "WKNC Visualizer"



Improvement goals for 2016: increase student participation, faculty involvement & diversity

# Pool of students who already make art

Challenge:

with code is very small.

coders+artists??

# 

# Changes to allow for more contest submissions:

-no initial proposal process-more types of entries allowed not requiring code

# Creative coding workshop

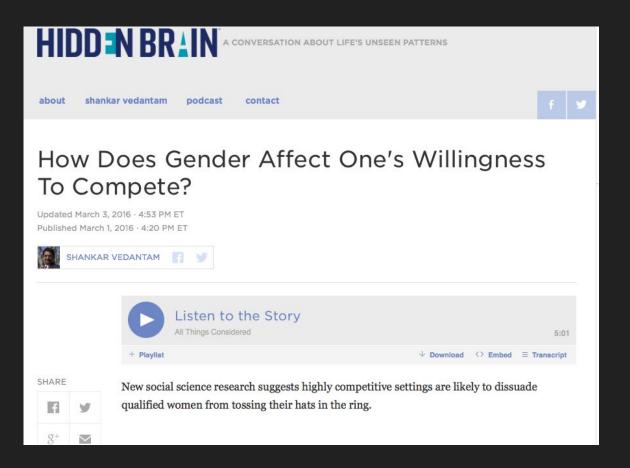
- 70% female, over 50% humanities & design students.

## Creative coding Hackathon

- 90% male, 80% computer science students

## Creative coding <u>lunch group</u>

50/50 female to male



NPR story aired March 1, 2016 <a href="http://www.npr.org/2016/03/01/468751715/how-does-gender-affect-ones-willingness-to-compete">http://www.npr.org/2016/03/01/468751715/how-does-gender-affect-ones-willingness-to-compete</a>

The larger point from the study is that highstakes competitions may not be the best way to identify talent

the most talented may not be competing

Outcomes so far in 2016: modest but meaningful gains in numbers of women, international students, students of color & noncoders participating

more work to do:
shift from contest focus ⇒
inclusive programming

# Alison Blaine NCSU Libraries Fellow ablaine@ncsu.edu