

Computer Science Senior Design Laboratory

Haleigh Hunt (CS), Jordan Love (CS), Katie Lucas (CS), Joey Pennington (IC), Megan Rajagopal (CS)



- We decided to undergo this project because we noticed that there was an extreme lack of quality, fun, and educational video games for younger children. The main issues we found were bad user interfaces, negative game consequences, and paywalls.
- Dragon's Adventure is a children's point-and-click adventure game that will ease children into both technology and video games without major difficulty or blocks that may frustrate a young child. We used Unity and C# to engineer this game.

The end result of our project is a fully realized game that serves as a gentle entry into video games and technology for children that has incorporated cross-university collaboration.







From the home screen, start a new game or view the credits.



Help the princess select an outfit for the ball and beat the prince at rock-paper-scissors.



Find the squirrel's missing acorns or visit the singing spring to learn about animal sounds.





Visit the kingdom, a magical forest, the mermaid cove, or the arcade.



Uncover hidden treasure and find the mermaid's missing pets at the mermaid cove.





Dpagon's Adventupe

University of Kansas

Team 12)



Ethical & Intellectual Property Issues

• The main intellectual property issue arose with how we would find all the art, assets, and music for the game. Our solution to this was to incorporate cross-university collaboration with the KU School of Music & Theatre and the KU School of Architecture & Design. Our game has entirely custom or free-to-use art and music.

• The ethical issue was ensuring that everyone who worked on the project was credited appropriately. To the right is a list of people we would like to thank who helped bring this game to life!

Download Dragon's Adventure at lavenderfog.itch.io/DragonsAdventure

Artists

- •Kate Delaney
- •Haolin Huang
- •Tim Kwak
- •Kinsey McCormick
- •Madison Roth
- •Kamilla Sims
- •Clayton Southard

Music & Sound Effects

- •Caitlin Crosby
- •Zapsplat.com
- •Freesoundeffects.com









- •Kate Delaney: Princess, Forest Fairy
- •Jack Delmar: Squirrel
- •Mickey Pluta: Prairie
- Fairy

•Rachel Rial: Mermaid

•Dr. John Gibbons

•Prof. Matthew Cook

Special Thanks

- •Kieran Regan: Dragon,

Prince