

Research Week Abstract Instructions and Template
Posters and Presentations

Abstract

Title – Robotic Paper Unicorn

Program of Study – Graphic Design

Presentation Type – **Choose one of the following:** Juried Art

Subtype: 3d

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Abstract example: This sculpture was created for an assignment in my Introduction to 3-d design class, in which we were tasked with the job of creating a robot made completely from paper. I had never made a sculpture with paper before, so I was challenged with the task of researching different building methods and researching real-life robots for clues on their construction. I also wanted to make a robot that did not look like a traditional robot (box head, claw hands, etc.). I had to come up with a design that was unique, yet still was identifiable as a robot. After brainstorming many ideas, I eventually decided on a robotic paper unicorn. Once I decided on a unicorn, I also researched horses, and studied their form and movements.

With an idea in mind, my communication objective was to create a sculpture that was a mix of mechanical elements (robot) and natural/organic elements (horse/unicorn), to make a cohesive, fun, and intriguing piece of art. One of my original ideas for the project was to make a robotic medieval knight, but I decided against it. However, I still liked the idea of incorporating certain elements of a knight into my unicorn sculpture, such as the scale and plate armor. I also wanted to make it clear that this piece was a robot by including easily recognizable mechanical elements, such as gears, wires, and wheels. The ultimate goal of this project was to explore how paper can be manipulated to make a 3-dimensional shape, and to create an interesting art piece.

