

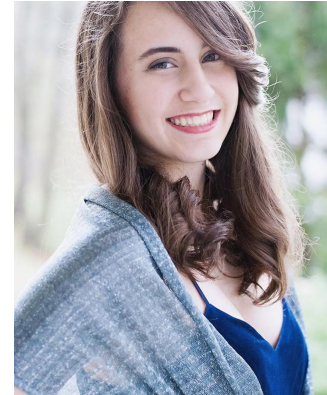
Name: Lauren Tocci

Year in Course: 3rd, Senior Year

Topic: Interactive technology

Mentor: Ty Vanderstappen, Legoland; Brynn Gelerman,
Stephen Malone, Pawling Central School District

Title: Effect of an Interactive Mobile Game on Movement in
Queue Line at an Amusement Park



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Bio:

Lauren Tocci is a Science Research student at Pawling High School studying interactive line queues in amusement and theme parks. Her research covers the aspects of time perception and line progression when an interactive queueing system is placed in an amusement or theme park. She had worked on designing a game and implementing it into a queue at a local park, soon she will work on placing it into a theme park to further her research. Legoland New York, opening in summer 2021 plans to adopt her app to their queue line for one of their rides. Her experience in the field thus far has been one of the greatest experiences for her, and she hopes to do more in themed entertainment in the future.

In her spare time, she devotes her time to multiple clubs, mainly Drama Club and Literary Society, while also being involved in the spring musicals. While not at school, she enjoys watching and studying movies, creating new stories, and . She has been working very hard this school year, having committed to both this class and five AP classes, and is excited to display the work she has done and present her research!

Awards/Honors

-2nd place at Somers Science Fair

-3rd Place at Dutchess County Science Fair

-ISEF Finalist

-Exceptional Genius Award

-Society of Women Engineers Award