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Culmination Proposal

As a young boy, there were only two things that I really had an interest in. Going fast and picking up a camera. At the age of 10 my dad had bought me my first ever go kart. It was a vintage 1990s kart but it worked and got me into races. Every Sunday I was a 10 year old boy racing for 45 minutes straight going 75+ mph with no seat belt and no windshield. This was the thrill I fell in love with and it was something I knew I wanted to continue but as I got older I started having less and less time and having time for different hobbies like video. The feeling of that thrill going 80 miles an hour around a corner never left and I needed to recreate that thrill. That's when I bought my first race simulator that simulates an actual formula 1 car down to the bones. The thing about formula 1 is that your reflexes have to be on point. You are basically responsible for a \$70 million car going 250+mph around a corner. So you can imagine how fast and agile these drivers have to be. In simulation racing you still have to be quick and agile because you are simulating a real F1 car minus the actual cost and the g-forces you take.

As my Culmination project, I wanted to use both my tracks along with my 2 favorite hobbies to display a final piece. I want to use the CNC machine we have in our shop to create the actual Formula 1 racing seat with the assistance of Rudy in our ENT department. The seat will be positioned the same exact way a formula driver would be seated in his cockpit. I will be providing the actual Formula 1 wheel which is a 1:1 replica of Ferrari's current steering wheel

teamed with the official F1 pedals made by thrustmaster. For the actual software, I will be using a ps5 as the game system to run Formula 1 2023 which simulates all current F1 team cars and simulates the current Formula tracks. Not only do I want to race a F1 car but I would like to capture the race on video using a multi camera set up. It would be a 2 camera set up, using our cameras I have. One pointed at my hands and seat. Based on other streamers. I would then show the stream of me making it to a podium place in a live match. I also want to take my skill of video and video production into my own short films which are actually in its planning stages, but this is to show my abilities in advanced video creation and production.