



Takiyah Ali

August 2023 \$2,500 sponsored by Magna International

Takiyah Ali is a sophomore at the University of Michigan working toward a degree in Mechanical Engineering with a concentration in manufacturing. She has always wanted to be an engineer and hopes to gain more hands-on experience in the automotive and manufacturing processes.

Takiyah is currently interning at ZF Group where she works to assess their airbag modules using various software and tests. She has also been a part of Industrial and Operations Management (IEOM) International where she has worked as a graphic designer, creating visual content for marketing media and attending IEOM global conferences. Takiyah's extracurricular experience includes Michigan Aeronautical Science Association (MASA) where she measured and tested Kevlar and nylon tethers used for parachutes in high-power rockets. She is also a part of the Society of Women Engineers (SWE) and went to Chicago during Spring Break to lead various STEM activities at Lindblom Math & Science Academy High School. Takiyah previously worked as a math instructor at Mathnasium of Plymouth-Canton tutoring grades 1 – 10.

Attesting to Takiyah's attributes, in a recommendation letter from Mike Umbriac, a Lecturer at U of M, she is highly motivated, intelligent, and proactively engaged. The project teammates also commented on her professional demeanor, reliability, and enjoyment to work with her, and produced quality work. Takiyah's hometown is Canton, Michigan.