

JON CHIZZOLIN

Jon Chizzolin is a Mechanical Engineering student at the University of Miami pursuing an Aerospace concentration and a minor in Mathematics. As a Foote Fellow and Presidential Scholar, he is developing a strong technical foundation while exploring different areas of engineering and how they can be applied to real-world challenges.

Jon has a particular interest in aerospace, mechanical systems, engineering design, and technology. Through the American Institute of Aeronautics and Astronautics (AIAA), he is developing CAD models for camera-tracking systems while building foundational software and learning about avionics. He is also involved with the American Society of Mechanical Engineers (ASME), where he continues to explore different areas of mechanical engineering.

His interest in engineering extends beyond individual components to understanding how complete systems function and how they can be improved. During the Duke University Engineering Summer Program, Jon led CAD, prototyping, and 3D-printing efforts and was selected to present engineering work to a panel of Duke administrators and families. He also independently designed and iterated an air filtration and ventilation system, focusing on improving airflow while creating a more compact integrated design.

Through his involvement with the International Association for Hydrogen Energy (IAHE), Jon hopes to gain exposure to new areas of engineering, learn from professionals and other students, and develop a broader understanding of how engineers approach complex systems and improve existing technologies. He looks forward to contributing his technical interests while continuing to explore how engineering can be used to solve real-world problems.