

IAN ANDUJAR

◦ DETAILS ◦

57 Willard St Lodi, New Jersey
862-247-1465
ianmarcoandujar9@gmail.com

◦ SKILLS ◦

AutoCad

Fusion 360

Arduino IDE

Adobe Premier Pro

Project Management

Project Design

3D Printing

Rapid Prototyping

Blender

Adobe Substance

Embedded Systems

◦ LANGUAGES ◦

English

Spanish

◦ LINKS ◦

www.linkedin.com/in/ian-andujar-710a6a388



PROFILE

A Mechatronics and Aerospace Engineering student who loves getting my hands dirty with rapid prototyping, CAD modeling, and building embedded systems. As team leader, I've designed and built engineering projects like an FPV drone that earned 6th place at the 2024 NJTSA State Competition and made it to nationals. I'm driven by a genuine passion for aerospace systems and robotics, where I can solve real problems with creative technical solutions. My toolkit includes AutoCAD, Fusion 360, Arduino programming, and 3D printing, plus I'm fluent in both English and Spanish.



EDUCATION

Applied Technology High School, Paramus

Sept 2023 — Present

- Associate's Degree in Mechatronics Engineering (Expected July 2027)
- High School Diploma (Expected July 2027)
- Relevant Coursework: Engineering Design, CAD Modeling, Embedded Systems, Robotics, Manufacturing Processes; Along with being project lead in 6+ engineering based projects.
- Leadership & Activities:
 - TSA Club President (2024-Present)
 - Peer Leader
 - Debate Club Member



EXPERIENCE

Club President at ATHS Technology Student Association, Paramus

Oct 2024 — Present

- Coordinated team workflow and task delegation for 6-member UAV drone development team while serving as primary pilot for competition flights.
- Placed 6th at the 2024 NJTSA State Competition, earning qualification to TSA the National Competition.
 - Engineered physical drone assembly through precision soldering, custom 3D printed component design, and flight controller configuration optimization.
- Voted as club president in 2025, now managing 20+ students across multiple project teams while establishing the organization's first corporate sponsorship program and launching official club website to increase funding opportunities.

Volunteer at Bergen Community College, Stem Center

Sept 2026 — Present

- Involved in Research on Battery Components, Servo Alternatives to optimize future performance for the Robotic Arm Project at the STEM Research Center.
- Currently working on the design for a wrist module that replicates all three movements of the wrist on a human arm.
- Currently Increasing proficiency in Onshape for CAD modeling, Google Docs for documentation, and Google Sheets for tracking data.
- Collaborated with students and faculty on research tasks.
- Currently manufacturing and testing wrist module prototypes.