

Matthew Chesnut

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GitHub Portfolio

Education

University of Maryland I College Park, MD

- B.S. Mechanical Engineering, Expected 2027
- GPA: 3.61
- Dean's List (all semesters)

College of Southern Maryland I LaPlata, MD

- Engineering Coursework
- GPA: 3.92
- Dean's List (all semesters)

Achievements

- Eagle Scout

Projects

- **Car-Mounted GoPro System:** Designed and fabricated a stable rear camera mount using SolidWorks, 3D Printing, and hand-machined metal parts.
- **GPS Speedometer:** Built an Arduino-based GPS device to display real-time speed, satellites, and coordinates, programmed in C with a 3D Printed case.
- **Mini Handheld Game Console:** Created a functional game system using Arduino, LCD screen, and C++.

Skills

Technical Skills: CAD: SolidWorks, Onshape, Blender | 3d printing | MATLAB | C, C++, Python, HTML/CSS | Circuit Design | mechanical car work & body work | MIG welding, metal work | teamwork/ collaboration.

Languages: English, Spanish

Experience

Auction Operations Team Lead I Bunting Auctions I Owings, MD

April 2022 – August 2025

- Supervised and trained a team of 4 photographers, ensuring efficiency and quality standards for auction listings.
- Assisted customers with pickups, inquiries, and consignor contracts, driving new sign-ups and maintaining strong client relationships.

Stem Tutor I College of Southern Maryland I LaPlata, MD | Prince Frederick, MD

January 2025 – August 2025

- Tutored students in math through calculus III, calculus-based physics, and engineering courses.
- Assisted students in understanding concepts and problem-solving strategies. Built strong connections with students to create a supportive learning environment. Adapted teaching methods to meet individual learning needs.