

Passionate mechanical engineering student with a strong commitment to innovation and continuous learning, seeking opportunities through special projects and internships to further develop technical expertise. Currently a member of the UPRM CRE team's Body & Chassis Division, focusing on the carbon fiber body development. Dedicated to contributing fresh perspectives, strong analytical skills, and a results-driven approach to every project.

## SKILLS

- Mechanical Design
- Cooling System Analysis & Development
- Automotive Mechanic
- Solidworks design
- Fluent English and Spanish

## EDUCATION

Carolina, PR | [2022 - 2023]

- Bachelor of Science in Mechanical Engineering
- Approved Credits: 65
- Carvin High School 4.0 GPA
- Vice President of National Honors Society

## EXPERIENCE

### UPRM CRE TEAM

#### CC-EVO Cooling System Engineer

Aug - May | [2024 - 2025]

- Cooling system analysis, testing & selection; focusing on radiator performance in high-efficiency systems.
- Collaborated on aerodynamic testing and analysis for vehicle efficiency.
- Solid Work Radiator & Pump Designs
- Mounting stress analysis and design
- Surface preparation & body work

#### CC-EVE Aero-Body Engineer

Aug - May | [2025 - 2026]

- Refined carbon fiber body components, including nose and side panels, ensuring compliance with FSAE regulations.
- Conducted surface preparation, resin application, and structural repairs to address mold imperfections and enhance finish quality.
- Collaborated with chassis team to ensure proper body mounting, clearances, and structural integrity under load conditions.

### CSS GROUP – ENGINEERING INTERN

San Juan, PR | [March 2023]

- Gained foundational knowledge in civil engineering and infrastructure development, including roadways and water systems.
- Collaborated with engineers on large-scale projects, reviewing proposals and participating in client meetings to understand project planning and evaluation.

### AUTOMOTIVE & BODY SHOP EXPERIENCE

San Juan, PR | [June - July 2023]

- Developed expertise in body shop work, including panel repairs, painting, and restoration.
- Enhanced skills in automotive detailing, ensuring vehicles were restored to a high standard of appearance.
- Enhanced problem-solving skills through troubleshooting and restoring performance.