Pablo Artero Sanromán

arterosanromanp@wit.edu | (857) 654-6660 | Boston, MA | LinkedIn | Personal Website

Education

Wentworth Institute of Technology, Boston, MA *Expected August 2027*
Bachelor of Science in Mechanical Engineering
Minor in Computer Science
GPA: 3.248, Presidential Scholarship, Leopard Scholarship
Honors and Awards: Dean's List (Fall 2025)
Relevant Courses: Fluid Mechanics I, Thermodynamics I-II, Design of Machine Elements, Computer Science I-II, Calculus I-III, Differential Equations, Discrete Math, Circuit theory and applications

Colegio de Fomento Montearagón (High School), Zaragoza, Spain *May 2023*
High School Diploma

Skills

Software: AutoCAD, SolidWorks (GD&T, PDM), Inventor, MATLAB, Java, Basic Arduino, Microsoft Excel, Microsoft Word

Engineering Skills: Materials testing, strain gauges, Engineering Graphics, Machine Design, Materials testing with Instron Equipment, Simulation Based Design, Finite Element Analysis (FEA), Wind Engineering Analysis (WEA), milling machines, band saws, riveting equipment, 3D printing
Languages: English (Fluent), Spanish (Native)

Experience

PanelClaw – North Andover, MA *January 2026 – May 2026*
Mechanical Engineering Intern

- Contributed as a member of the Product development & Innovation (PD&I) team, supporting the development and validation of solar mounting systems through engineering design reviews and cross-functional collaboration
- Developed +30 3D components and assemblies in SolidWorks and fabricated functional prototypes via FDM 3D printing to evaluate fit, tolerances, and structural performance prior to production release
- Coordinated cross-functional communication between teams to ensure alignment on project goals and timelines

TechnoQ – Zaragoza, Spain *May 2025 – June 2025*
Quality Control Supervisor

- Monitored and maintained the quality of the different parts and products within Techno-Q
- Acquired knowledge of protocols, limits, and material care
- Assisted in identifying and documenting defects, contributing to process improvements and reducing rework

Real Club de Golf La Peñaza – Zaragoza, Spain *June 2023 – August 2023*
Golf Coach

- Coached a group of 8- to 12-year-olds in weekly practices during the summer
- Provided individualized feedback to players to improve swing mechanics, short game technique, and on-course decision-making.

Projects

Raygen – WIT, Boston, MA *January 2025 – March 2025*

- Collaborated with a team of 3 students to design and implement a ray-casting engine for real-time 3D rendering
- Developed algorithms to project 3D scenes onto 2D displays, optimizing for speed and efficiency

Jet Engine Design – Zaragoza, Spain *June 2024 – August 2024*

- Detailed 3D CAD model of a jet engine using SolidWorks, focusing on mechanical components and internal assemblies
- Evaluated component geometry and assembly interfaces to ensure structural feasibility and manufacturability within realistic aerospace design constraints.

Leadership & Activities

- Member of Wentworth Institute of Technology Men's Golf Team, member of the Student-Athlete Advisory Committee (SAAC)
- Certified SolidWorks Associate