

# BRYAN SALTOS

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## EDUCATION

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- University of Connecticut** – Storrs, CT May 2025  
BSE Mechanical Engineering, GPA 3.71/4.0
- Dean's List Liberal Arts & Sciences
  - Member of The National Society of Leadership & Success
  - Member of Louis Stokes Alliance for Minority Participation (LSAMP)
- Manchester Community College** – Manchester, CT 08/2019 – 05/2021  
Associates of Arts, Chemistry, GPA 3.58/4.0
- Cum Laude Institutional Honors
  - Dean's List two consecutive semesters
  - Phi Theta Kappa member

## EXPERIENCE

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- UConn School of Engineering** – Storrs, CT 08/2023 - Present  
*Student Employee – Navy-STEM Researcher*
- Conducting cutting-edge research related to Department Of Defense priority areas.
  - Participating in training and planning activities organized by the National Institute for Undersea Vehicle Transportation.
  - Documenting results of experiments ensuring that all data was accurately recorded and organized.
  - Preparing weekly reports, manuscripts, and presentations.
- UConn Formula SAE** – Storrs, CT 08/2022 - Present  
*Frame Subsystem Member*
- Participate within the team to design and optimize the car's firewall in order to prevent damage to the driver in case of an engine failure.
  - Led a team that utilized SolidWorks to facilitate the fabrication of a push bar required for transporting the vehicle during competition.
  - Manually machine steel tubes used for the main frame, suspension, and steering of the vehicle.
  - Assist senior engineers in the design and testing of mechanical systems and components.
  - Collaborate with other subsystem teams to identify and solve system-wide technical problems.
- UConn Student Affairs Information Technology (SAIT)** – Storrs, CT 08/2021 - Present  
*IT Support Specialist*
- Debug IT issues related to workstations, software packages, databases, multi-function printers, and domain access.
  - Received great customer satisfaction rating for reliability and creative solutions.
  - Manage equipment lifecycle of laptops and desktop workstations from imaging to deploying and processing for surplus.
  - Train new employees on company procedures and protocols.
  - Lead tasks for team members to meet user requests and clarify technical inquiries.
  - Manage inventory and assets for distribution across the Student Affairs overseen departments.

## SKILLS

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- Familiar with manufacturing processes (CNC machining, sheet metal fabrication, welding).
- Active learner in CAD software (SolidWorks), FEA software (ANSYS), and programming languages (MATLAB, Python) thus far.
- Excellent communicator with leadership experience and seeks teamwork.
- Highly organized and detail-oriented.
- Strongly analytical with fundamental problem solving and critical thinking skills.
- Fluent in Spanish and English.