

Tristan Toigo

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Education

University of Connecticut – BS in Mechanical Engineering	Expected May 2028
Connecticut State Community College – AS in Digital Arts Technologies, Cert. in A/V Production	May 2024

Skills

Software: SolidWorks, AutoCAD, UltiMaker Cura, Photoshop, Lightroom, Premiere, After Effects, Illustrator, Dreamweaver, HTML & CSS

Hardware and Systems: Computer assembly, automotive repair, technical design, camera operation

Experience

IC Powertrain Subsystem Member , UConn Formula SAE – Storrs, CT	September 2025 – Present
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- Working with a team to design and build a powertrain system that operates at peak performance in a stable manner.
- Designing, building, analysing, simulating, diagnosing, and tuning the powertrain system for the team's internal combustion car.

Outreach Crew Member , Navy STEM Program – Storrs, CT	May 2025 – Present
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- Working to increase interest and understanding of Naval STEM areas, develop outreach into the community, and support the next generation of the Naval STEM workforce.
- Participating in Navy STEM Outreach programs, where the team holds events/lessons about topics within Navy STEM, often at schools grades K-12.

Owner & Producer , Midday Studios LLC – Oxford, CT	January 2022 – Present
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- Building strong client relationships through excellent communication and work quality, along with business aspects such as scheduling and pricing.
- Working in softwares such as Premiere and Lightroom for post processing and refinement of projects.

Youth Sports Photographer , Bishop Photo	April 2023 – Present
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- Collaborating with sports leagues to meet photography requirements and ensuring satisfaction and comfortability.
- Working with children and young adults in a respectful and positive way to create a welcoming and comfortable environment on the job.

HVAC Technician , Toigo HVAC LLC – Oxford, CT	June 2025 – August 2025, December 2021, June 2017 – August 2017
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Program Assistant , Seymour-Oxford Nursery & Child Care Association – Seymour, CT	October 2023 – May 2025
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Park Monitor , The Adventure Park at the Discovery Museum – Bridgeport, CT	June 2020 – August 2022
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Research Scientist , Yale University Dept. of Chemical and Environmental Eng. – New Haven, CT	July 2019 – August 2019
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Projects

Custom Sound System

- Designed and constructed speaker enclosures and mounting for my 2010 Altima Coupe, and ran new wiring throughout the vehicle (full details in portfolio).

Suspension System

- Upgraded the suspension on my 2010 Altima Coupe with new coilovers, along with a new wheel and tire setup (full details in portfolio).

Custom Body Styling

- Designing and constructing a custom body kit for my 2010 Altima Coupe (full details in portfolio).