

Conlan Wilson

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OBJECTIVE

Seeking an internship to get hands-on experience in the field of engineering for the Spring/Summer of 2025.

EDUCATION

University of Connecticut, Storrs, CT

Bachelor of Science in Engineering, May 2026

Major: Mechanical Engineering; GPA: 3.7

Current Classes: Heat Transfer, Mechanical Vibrations, Material Science Engineering, Applied Measurements Lab, Geography

EMPLOYMENT EXPERIENCE

Capewell Aerial Systems, South Windsor, CT

Mechanical Engineering Intern, Spring/Summer 2024

- Conducted testing of delivery release systems to ensure compliance with specifications, utilizing an Instron testing system for material strength analysis
- Authored technical test plans and reports and presented to engineering teams
- Successfully led an independent testing project on cable friction of the midair release system, from planning to execution

Connecticut Center for Advanced Technology (CCAT), East Hartford, CT

Engineering Intern, Spring/Summer 2023

- Worked with next generation collaborative robots to best understand how to manufacture more efficiently
- Worked with SolidWorks and Fusion 360 to design and 3D print parts for various applications

Wilson Brothers Snow Removal, West Hartford, CT

Co-Owner, Winters 2018-Present

- Clear and remove snow for commercial properties

P-Point Video Productions, West Hartford, CT

Videographer and Lighting Technician, 2018-Present

- Assist in filming and lighting to produce a high-quality video

Relevant Engineering Projects

Go-Baby-Go, 2023-2024

- Worked as part of a team to disassemble and redesign children's toy cars to be used for mobility vehicles for kids with Cerebral Palsy

Wind Turbine Project, Spring 2023

- Worked with a group of peers to design and 3D print a wind turbine

Collaborative Robot Project, Summer 2023

- Researched and troubleshoot problems with an autonomous robot

ACTIVITIES

Captain, President, UCONN Men's Club Soccer Team, UConn, Storrs CT, 2022-Present

HuskyTHON Fundraising Participant, UConn, Storrs CT, 2023-Present

Engineering Learning Community, UConn, Storrs CT, 2022-2024

SPECIAL SKILLS

Solid Works, Fusion 360, OnShape, Autodesk Inventor, Leader, Hard-working, Eager to Learn