

Trevor Ladner

He/Him | [Linkedin.com/in/trevorjmladner](https://www.linkedin.com/in/trevorjmladner)

Education

Purdue University – West Lafayette, IN	May 2022
Bachelors of Science in Mechanical Engineering – Honors	GPA: 3.67/4.00
Minors in Engineering and Public Policy, Political Science, & Intellectual Property Law for Engineers	

Professional Experience

Rivian Automotive – Plymouth, MI and Irvine, CA

Engineering Intern – Interior Cores June 2021-August 2021

- Managed test data for over 500 interior components to meet compliance with FMVSS 302 and other federal certification standards
- Oversaw test deployments and part management for curtain airbag functionality requirements
- Updated over 20 internal testing standards and the interior master design verification plan to better reflect company standards and needs for future product development
- Led the conceptualization of an innovation suite for sensitive advanced idea creation and progression

Interiors Engineering Intern June 2020-August 2020

- Developed 22 company specific test standards based on ASTM, SAE, ISO, and other standards organizations to ensure parts meet company requirements
- Operated as a vehicle component owner managing the development, design, and sourcing of a component for the vehicle using a never before used material

Magna International – Seating Division – Novi, MI

Product Engineering Intern May 2019-August 2019

- Collaborated with other engineers through multiple steps of work in research and development of a new product including DFMEA
- Assisted in testing prototype internal research projects

Purdue University Engineering Honors Program – West Lafayette, IN

Lead Peer Teaching Assistant August 2019-Present

- Coordinate course projects logistics and manage the execution of project demonstrations
- Provide assistance to students in class on relevant material and provide constructive feedback on completed work to encourage adept course material understanding
- Develop course Raspberry Pi Projects using Linux system and implement software updates as required

Leadership Experience

Purdue University Honors College Racing Crew – West Lafayette, IN

Crew Chief May 2021-Present

Assistant Director May 2020-May 2021

Public Relations December 2019-May 2020

Sponsorship Lead August 2019-May 2020

Purdue Mechanical Engineering Ambassadors – West Lafayette, IN

Student Activities Committee Head January 2022-Present

Vice President May 2021-December 2021

Public Relations Committee Head January 2021-May 2021

Skills

Catia V5/6 | DVP&R | Public Speaking | Teamwork | DFMEA | MatLab | Python | Microsoft Office | Google Suite

Awards and Publications

Finalist in the Brian Lamb School of Communication's Fraser Speaking Competition

"A Watchful Eye: A Play in Four Acts for Human and AI Spectators," Hybrid Pedagogy, October 2020