

TREVOR DAVIDSON

Mechanical Engineering student and elected Student Senator with a proven record of representing peers, managing cross-functional projects, and advocating for student interests at the university and state level. Combines analytical, technical training with strong communication, leadership, and budget-oversight experience gained through student government, engineering project work, and performing-arts leadership.

EDUCATION

Florida Polytechnic University, Lakeland, FL

Aug 2024 – Present

- Bachelor of Science in Mechanical Engineering

Bayside High School, Palm Bay, FL

Aug 2020 – May 2024

- Scholar Student, Bayside Engineering Technology Academy

EXPERIENCE

Student Government Association, Florida Polytechnic University — *Student Senator*

October 2025 – Present

- Serve on all three standing committees of the Student Senate, representing student interests in university governance, policy, and campus-life decisions
- Contribute to student government budget deliberations, evaluating and prioritizing funding requests that impact student programs and services
- Traveled to Tallahassee, FL to advocate before state legislators for funding of new campus initiatives, representing the student body at the state level
- Serve as a liaison between students and university administration, ensuring student perspectives are reflected in institutional decision-making

Northrop Grumman High School Involvement Program — *Project Manager*

October 2022 – May 2024

- Led and collaborated with a team of students to ensure effective communication and project coordination
- Gained hands-on experience in engineering design and testing processes by shadowing professional engineers
- Organized team meetings and delegated tasks to efficiently complete project design gates

Space Coast Quarter Midget Racing Association — *Flagger*

2020 – Present

- Peer-mentor youth drivers and families, supporting their growth on and off the track
- Communicate and coordinate with adult officials and race staff, strengthening professional and teamwork skills

Bears Marching Band, Bayside High School — *Drum Major*

May 2023 – May 2024

- Led and maintained discipline for an ensemble of up to 150 students
- Relayed vital information between band leadership and directors
- Communicated essential updates from directors to student leaders and members



SKILLS

- Solidworks Certified
- Proficient in PowerPoint, Word, and Excel
- HTML, MatLab, Java
- Leadership & Public Speaking
- Budget Analysis & Policy Advocacy

ACHIEVEMENTS

- Florida Bright Futures Academic Scholar
- Florida Polytechnic Provost Scholar
- Top 5% of Class of 2024
- 4.3 High School GPA
- Scholar Student, Bayside Engineering Technology Academy
- Outstanding Senior Award

PROJECTS

- Junior Achievement
- HS Involvement Program
- CubeSat
- Home Improvement Business
- Web Design

INTERESTS

- Theme Park Industry
- Ride Design
- Racing Cars
- Performing Arts
- Avid Shoe Wearer