

# Dmytro Sokolovskyi

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## Summary

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Mechanical Engineering student with an excellent academic standing and leadership experience as President of the Engineering Society. Have a solid foundation in mechanical systems, research, and technical documentation through different internships and academic roles. Skilled in data analysis, communication, and mechanical work. Experienced in AutoCAD, MATLAB, Python, and Microsoft Office.

## Work Experience

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### Engineering Student at Fundy Regional Service Commission (Internship)

*May 2025 – Present*

- Developed the official **Operational Manual** for the landfill.
- Learned and understood landfill operations in detail.
- Maintained close communication with landfill personnel to accurately documented personnel responsibilities.
- Translated complex operational procedures into clear, accessible language for future reference.
- Applied advanced formatting tools in Microsoft Word to create professional documentation.
- Assisted in the setup and operation of a small-scale biodigester for gas production using organic waste received at the landfill.

### Research Assistant (Air Pollution) at University of New Brunswick

*December 2024 – May 2025*

- Operated advanced air quality sensors to monitor volatile organic compounds and PPM levels.
- Analyzed and visualized air pollution data using MATLAB and Microsoft Excel.
- Collected, analyzed, and compared air quality data against established government standards.

### Truck and Trailer Mechanic at Bayview Trucks & Equipment (Internship)

*Sept. 2023 – Dec. 2023*

- Acquired the skills needed for mechanical and pneumatic tool usage.
- Performed regular maintenance for rotors, brake pads, wheels, and oils on the truck/trailer.
- Diagnosed and repaired electrical cables/lights, error codes and other electrical issues with trailers.
- Assisted in complex repairs including engine maintenance and transmission replacement.

### Delivery Driver

*October 2022 – December 2024*

- Planned and maximized the effectiveness of multiple orders to minimize distance, time, and gas expenditures.
- Interacted with customers to resolve issues and meet their needs.

### Landscaping and Gardening (Personal small-scale business)

*May 2022 – Present*

- Repaired small equipment including lawnmowers and trimmers.
- Maintained lawns, gardens, and landscapes by trimming, edging, and removing garbage.
- Planted trees, flowers, and revived dead plants.

## Education

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### University of New Brunswick

*Sept. 2024 – Present*

Second year Bachelor of Engineering | GPA – 4.3 | Dean's list

### Simonds High School

*Sept. 2022 – June 2024*

High Honours | Self-studied and successfully completed AP Calculus and AP Statistics.

## Volunteer Work

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### President of the Engineering Society

*April 2025 – Present*

- Oversaw the entire organization.
- Worked with faculty and APEGNB on issues affecting engineering students.
- Supported students, sustainability, wellness, and other initiatives and events.
- Organized and managed events for engineering students.
- Reviewed and improved society constitution and policy.
- Participated in various events and fundraisers as a volunteer.
- Represented the university's engineering student body on Atlantic and National Conferences.

### Primary representative on SASE Faculty Council

*Sept. 2024 – Present*

Spoke on behalf of undergraduate students regarding graduation, scheduling, and programs.

### First year representative at UNB Engineering society

*Sept. 2024 – Present*

Assisted with planning events for the Engineering student. Attended conferences and competitions.

- AEC2025 – Atlantic Engineering Competition
- ELS2025 – Engineering Leadership Conference

### Peer Tutoring

*Sept. 2018 – Present*

Tutored university and high school students in a variety of areas, such as chemistry, calculus, and physics.