Jonathan Forlini

Aerospace Engineering Student | Seeking 2026 Internship Opportunities
Pointe-Claire, QC | +1 (514) 972-9520 | Jonathanforlini@gmail.com | www.linkedin.com/in/jonathan-forlini

Professional Summary

Aerospace Engineering student (3.99/4.3 GPA) specializing in Aerodynamics & Propulsion. Currently learning Siemens NX & ANSYS Mechanical (FEA/CFD), proficient in SolidWorks for structural design & simulations. Hands-on via Troitsky competition & engine restoration. Seeking 2026 Quebec internships to apply tools in real-world projects.

Core Competencies

Siemens NX | ANSYS Mechanical (FEA/CFD) | SolidWorks | AutoCAD | MATLAB | C++

EDUCATION

Concordia University - BEng (Expected May 2028), Aerospace Engineering, *Dean's List* **Montreal, QC**

Specialization: Aerodynamics and Propulsion ***Current GPA: 3.99/4.3***

John Abbott College - DEC, Science, *Dean's List* **St-Anne-de-Bellevue, QC**

ENGINEERING PROJECTS & COMPETITIONS

Troitsky Bridge Building Competition Delegate - Structural Lead **Montreal, QC**

Concordia Bridge Building Team – Concordia University *June 2025 - Present*

- Leading structural design and CAD modeling for scale bridge; performing stress analysis to optimize load capacity.
- Overseeing fabrication planning and testing strategy to ensure completion on schedule for upcoming competition.

Self-Study Portfolio: https://github.com/Jonathan52789/Portfolio

WORK EXPERIENCE & COMMUNITY SERVICE

Rona+ (*June 2023 - Jan 2025)*
- Scheduled contractor deliveries, managed timelines/accounts, and handled advanced billing ensuring zero delays.

Montreal Aviation Museum *(2018-2022)*
- Assisted with the dismantling and restoration of a Noorduyn Norseman piston engine as part of a multi-year conservation project; the engine is now featured in a public exhibition.
- Supported flight simulation training for youth programs, demonstrating aircraft systems and aerodynamic principles.

Royal Canadian Air Cadets *(2017-2022)*
- Completed ground school training and gained foundational knowledge in aviation systems.

SKILLS AND CERTIFICATIONS

CAD: Siemens NX (Self-Study), SolidWorks, AutoCAD | **Simulation:** ANSYS Mechanical (FEA/CFD) (Self-Study) | **Programming:** MATLAB (Self-Study), C++, Arduino | **Data Analysis:** Excel (Advanced), Engineering Statistics | **Professional:** Bilingual (English, French), Project coordination, Teamwork, Problem-solving