VINCENT MOY

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EDUCATION

McGill University   Montreal, Canada
Bachelor of Mechanical Engineering – Internship Program   September 2021 – Mai 2026
Dawson College   Montreal, Canada
DEC Pure and Applied Sciences, Cumulative R-Score: 33.9   August 2019 – May 2021
Distinctions: Dean's Honor List Student (maintained an average of 85%+ for all four consecutive semesters)
Universiti Malaya (UM)   Kuala Lumpur, Malaysia
International Exchange Student   October 2025 – February 2026

SKILLS AND INTERESTS

Language Skills: Native in French and English
Computer Software Skills: CatiaV6; SolidWorks; SolidWorks Sheet Metal; Siemens NX; AutoCAD; Teamcenter; Enovia; SAP; PowerBI; Epicor; Mastercam; Abaqus; MS Office; MS Projects; MS Visio; Adobe Illustrator; Adobe InDesign
Programming Skills: Python; C++; MATLAB; G-Code, VBA (Visual Basic for Application)
Interests: Snowboarding; Outer Space; 3D Printing; Chess; Freediving; Scuba diving; Aircraft and Motor Vehicle Enthusiast

WORK EXPERIENCE

Bell Textron Canada   Mirabel, Canada
Mechanical Design Intern – 407 Engineering Department   May 2025 – September 2025 **(5 months)**
- Released ECOs (Engineering Change Orders) for mechanical systems (Airframe, Hydraulics, Powerplant/Battery, Landing Gear), driving improvements in product quality, cost savings, reduced delays, and continuous improvement.
- Collaborated with Stress, Materials and Processes (M&P), and Manufacturing teams to validate design feasibility, gaining familiarity with Bell Textron's processes, design standards (DRM), and regulatory frameworks (e.g., FAA, Transport Canada).
- Utilized CATIA V6 to modify complex 3D parts (using GSD workbench) for the composite components in the Quick Cure Press, providing clear insight on potential manufacturing issues with the current part definition. Presented the results to the team.

Ranger Design   Montreal, Canada
Mechanical Engineering Intern – Engineering Department   May 2024 – December 2024 **(8 months)**
- Worked with Engineers and Designers in SolidWorks Sheet Metal for the development of CAD assemblies, engineering drawings (GD&T), thus enhancing my proficiency with the software and my technical knowledge on engineering design.
- Use Tensile Testing Machine (Tinius Olsen H25K-S) to stress test designed product, improving design iteratively and accordingly.
- Completed installation of many products in OEM vehicles with the use of power tools improving my understanding of design, manufacturing and installation. Overall, constituted invaluable learning experiences.
- Used Adobe InDesign to create Installation Guides (I-Sheets) for a MOD Center in the US, helping installers with our products.

Bombardier Aerospace   Montreal, Canada
Project Management Intern – Research & Technology Department   May 2023 – December 2023 **(8 months)**
- Worked and synchronize with different Engineering and non-Engineering branches of BA learning the great importance of soft-skills.
- Coached and advise interns joining the team, refining active listening, communication skills, patience and leadership skills.

National Bank of Canada   Montreal, Canada
Senior Clerk – Operations Sector   July 2021 – May 2023
- Completed over 10,500+ vehicle loan requests while maintaining 30% productivity higher than the average of the team which greatly impacted the financing of vehicle goods during the busy season and earned me a recognition badge among 30 full-time employees.

PROJECTS AND EXTRACURRICULAR EXPERIENCE

Bombardier's Digital Transformation Competition   Montreal, Canada | 2023
- Fully developed automated process to current BA method (FAI tracking) developing creativity, problem-solving and public speaking.

CADMadness | 1st Place – Junior Challenge   Montreal, Canada | 2023
- CADed 30 consecutive hours on SolidWorks, becoming more comfortable and gathering greater knowledge on the software.

Design Team - McGill Rocket Team   Montreal, Canada
Aerostructure SubTeam Member   September 2022 – May 2023
- Used Siemens NX (CAD); design/conception (3D modeling), Mastercam/G-Code; manufacturing of tools and jigs for rocket assembly.
- Participated in workshops preparing for the conception of jigs for the construction of the aerostructure of a rocket.