

Benjamin Curis-Friedman

Driven and highly motivated student with a strong foundation in problem-solving and a passion for learning, eager to contribute and grow through hands-on experience in a challenging internship.

benjamin.curis-friedman@mail.mcgill.ca | <https://www.linkedin.com/in/benjamincf> | <https://github.com/Benjamincf0> | 438-346-5109

Education

McGill University , Software Engineering COOP – Montréal, QC	Expected: May 2028
<ul style="list-style-type: none"><u>Awards</u>: Alma Mater Entrance Scholarship<u>Relevant Coursework</u>: ODEs for Engineers, Intermediate Calculus, Programming in Python	GPA 4.0/4.0
John Abbott College , Pure and Applied Sciences – Sainte Anne de Bellevue, QC	May 2024
<ul style="list-style-type: none">Dean's Honour List: Winter 2023, Fall 2023, Winter 2024<u>Relevant Coursework</u>: Calculus 3, Programming in C#, Physics for Engineers & Statistics	Science R-Score: 36.2

Software Projects

Physics Simulator Personal Project	Sep 2024
<ul style="list-style-type: none">Programmed pendulum simulation web app leveraging ODE's and Numerical Methods using JavaScript	
ArduCar Physics for Engineers class	May 2024
<ul style="list-style-type: none">Designed and engineered a bluetooth-motorized electric vehicle with a 0.3 second latency using Arduino and C++	
WarHacks Hackathon Concordia University	Jan 2024
<ul style="list-style-type: none">Engineered a fully autonomous vehicle capable of navigating along a designated path using Arduino	
Web Chat Application (https://projet-personnel-245c7.web.app/) Personal Project	Feb 2022
<ul style="list-style-type: none">Programmed and deployed a dynamic realtime messaging platform using Vue.js and FirebaseIntegrated Security Rules and Authentication, ensuring secure communication.Designed a user friendly and aesthetic user interface, using animations in pure CSS and JavaScript	

Skills

Software: Microsoft Office: Excel/PowerPoint/Word, VSCode, ZSH Terminal, Conda, Github

Programming: JavaScript, HTML, CSS, C, Arduino, Python

Frameworks: Firebase (Hosting, Database, Cloud Functions, Authentication), Vue.js, Git, Flutter

Languages: Bilingual in French and English, oral and written

Soft skills: Hardworking, able to learn and work both independently and in teams, reliable

Experience

Rocket Team – McGill University, QC	Nov 2024 – Present
<ul style="list-style-type: none">Worked in the 24-25 rocket design cycle in the Flight Computer Software sub-teamProgrammed on a custom PCB using C and the STM IDE to solve issues using Git	
Waste Management Team – City of Pointe-Claire, QC	Jun 2024 – Aug 2024
<ul style="list-style-type: none">Managed the city's database of waste binsInformed citizens about the city's regulations regarding periodic waste collection	
Peer Tutoring – Cégep Gérald Godin & John Abbott College, QC	Oct 2022 – May 2024
<ul style="list-style-type: none">Helped students for the math department: Calculus 1, 2, 3 & Linear AlgebraHelped students for the physics department: Mechanics & Electricity and Magnetism	
Camp Climbing Specialist – Notre Dame de Fatima summer camps, QC	Jun 2023 – Aug 2023
<ul style="list-style-type: none">Encouraged and coached campers (all ages, special needs and not) to push themselvesCreated activities on the climbing wall to motivate campers, in collaboration with counselorsEnsured safety for all by enforcing the respect of correct procedures, as well as performing regular verifications of the equipment.	
Tim Hortons Team Member – Pointe-Claire, QC	Apr 2021 – Sep 2021
<ul style="list-style-type: none">Greeted customers and took their ordersReceived payment by cash, debit/credit cardEfficiently prepared and served food and drinks through teamwork	

Hobbies

Bouldering (climbing), Downhill skiing & Piano