

CLAUDIA PANKAJ

[St Thomas, Ontario] • [226 626 7329] • [claudia.isabel.pankaj@gmail.com] • **GitHub:** github.com/claudiapankaj

PROFESSIONAL SUMMARY

Highly motivated Grade 8 student and **Leading Air Cadet (LAC)** with a strong technical foundation in **C**, **JavaScript**, and **Python**. Advanced proficiency in **Calculus** and algorithmic problem-solving. Proven adaptability across six diverse school environments, with multiple national-level distinctions in mathematics and computing.

TECHNICAL SKILLS

- **Languages:** English (Native), French (Conversational/Academic).
- **Programming:** **C** (Logic & Data Structures), **JavaScript** (HTML5/CSS3), **Python**.
- **STEM:** **Calculus** (Differential & Integral), Advanced Algebra, Geometry.
- **Tools:** Linux/macOS Terminal, Git/GitHub, JetBrains IDEs (CLion, WebStorm).

AWARDS & ACHIEVEMENTS

- **Pascal Mathematics Contest (Gr. 9)** | *Distinction* | 2026
- **Canadian Senior Math Contest (CSMC)** | *Distinction (Gr. 12 Level)* | 2025
- **Beaver Computing Challenge (BCC)** | *Distinction* | 2024
- **Competition History:** Successfully competed in **8 national contests**, including CCC Junior (2026), CIMC, Canada Jay (2025), Canada Lynx (2025), and BCC (2025).

TECHNICAL PROJECTS

Canadian Computing Competition (CCC) 2026 | *Programmer*

- Engineered algorithmic solutions in **C** to solve complex logic and data processing challenges.
- Applied **Calculus-level logic** to optimize code for execution speed and memory efficiency.
- Demonstrated proficiency in low-level memory management, pointers, and data structures.

Custom Web Development & Design | *Independent Developer*

- Architected a fully functional website using **HTML**, **CSS**, and **JavaScript**.
- Implemented core programming logic for user interactions and dynamic content rendering.
- Utilized **Git/GitHub** for version control and maintaining a documented codebase.

Algorithmic Logic & Mathematics | *Independent Researcher*

- Applied **Calculus** concepts to solve physics-based programming problems via **C**.
- Leveraged **Khan Academy** to master high-school and college-level STEM modules ahead of grade level.

LEADERSHIP & EXPERIENCE

Royal Canadian Air Cadets | *Leading Air Cadet (LAC)* | Sept 2025 – Present

- **Community Service:** Raised funds for the Legion Poppy Campaign and placed flags on Veterans' graves.
- **Discipline:** Executed precision drill in formal parades, showcasing teamwork and focus.
- **Rank Advancement:** Earned **LAC** through consistent attendance and commitment to the cadet code.

EDUCATION

Independent Home Study Curriculum | *Grade 8* | 2025 – Present

- **Adaptability:** Successfully transitioned through six schools, including two **Francophone** environments.
 - **STEM Focus:** Currently mastering Calculus, Biology, Chemistry and Physics through accelerated self-study.
-