

Gerardo Garcia de Leon

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Cell (825) 454 8636

EDUCATION

Bachelor of Science, Software Engineering,

Expected December 2026

Schulich School of Engineering, University of Calgary

INTERNSHIP

Available May 1, 2025, seeking 4, 8, 12 or 16 month internship

SKILLS

Computer:

- Ability to code in C, C++, Python, Java, JavaScript, HTML, CSS
- Relational/non-relational database skills, mainly MySQL/MongoDB
- Version control systems such as Git/GitHub
- Embedded Systems, mainly PIC24 in MPLab, Arduino
- Windows and Linux operating systems and virtual machines (VMs)

Soft Skills:

- Exceptional verbal and written communication abilities in Spanish, English and French
- Outstanding mathematical capabilities (Calculus, Trigonometry, Linear Algebra, etc.)
- Effective, collaborative and supportive while working in a team environment
- Meticulous attention to detail in project execution and management
- Highly dedicated and persistent in completion of a task with a strong work ethic

ACADEMIC PROJECTS

Redesigned Flappy Bird Video Game

March 2023 - April 2023

- Lead software developer of a team of 4 tasked with writing the code for the project
- Recreated the famous Flappy Bird game in Arduino IDE
- Tested and took initiative in troubleshooting to achieve a functional final product
- Wrote 80% of the code used in the final project (C language)

Movie Theatre Booking Application

Nov 2024 – Dec 2024

- Created a movie theatre reservation app allowing customers to purchase tickets
- Implemented a fully functional GUI to allow a visual representation of booked seats
- Written in Java

Automated Planter Box

January 2023 – February 2023

- Designed a planter box using Prusa Slicer 3D printer
- Coded an automated watering system to ensure plant received necessary hydration

AWARDS

Engineering Student Society Hack-A-Thon (First place)

- Given a prompt and had to invent a unique solution in 6 hours
- Used MySQL for database and JavaScript for front-end