**Gerardo Garcia de Leon**

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# EDUCATION

**Bachelor of Science, Software Engineering,** *Expected December 2026*

Schulich School of Engineering, University of Calgary

**Exchange Program** *Sep 2023 - May 2024*

Universidad Carlos III Madrid, Madrid, Spain

# SKILLS

**Computer:**

* Remarkable ability to code in C, C++, Python and Java, focused on object-oriented design
* Proficient with computer design logic such as FSM, logic gates, registers and D/T flip-flops
* Hands on experience building computers from individual parts
* Strong in relational and non-relational databases such as MySQL and MongoDB

**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
* Can adapt quickly to any environment

# WORK EXPERIENCE

**Earls Tin Palace Kitchen + Bar, Calgary, Alberta**  May 2022 - Ongoing Server

* Provided knowledgeable recommendations on food and drinks to enhance customer experience
* Handle payments
* Resolve issues and disagreements

# 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 and some C++

# AWARDS

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

Given a prompt and had to invent a unique and creative solution in 6 hours