

# MARTIN CHARDENET

COMPUTER SCIENCE MAJOR

[martin.chardenet@gmail.com](mailto:martin.chardenet@gmail.com)

4385063796

<https://mch2001.github.io/>

[linkedin.com/in/martin-chardenet](https://www.linkedin.com/in/martin-chardenet)

## ABOUT ME

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**Technical Skills** webDev, Java, Unix/Linux, oracleSQL, Json, bash,c,javascript,python, html, css, flask, L<sup>A</sup>T<sub>E</sub>X  
**. Languages** Fluent in French, English and Portuguese. Conversational level in Spanish

## EXPERIENCES

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### Web Development

Montreal, QC (2023)

- Designed and implemented responsive web applications using Flask in a web development course, integrating Oracle SQL for database management.
- Leveraging Flask, I engineered versatile web solutions, ensuring seamless user experiences across various devices while maintaining robust back-end processes.
- This approach not only showcased my front-end and back-end development skills but also improved the application's data handling efficiency and user experience.

### Software maintenance

Montreal, QC (2023)

- I Enhanced my software maintenance capabilities by mastering programming in C and embracing test-driven development (TDD) techniques
- This allowed me to achieve a profound understanding that led to the development of efficient and sustainable software solutions, setting a foundation for future projects emphasizing code quality and maintainability.
- I used my expertise in C programming and test-driven development principles to tackle challenges in modeling the production and transportation of electricity, significantly improving the program's reliability and performance,

### Online Sales System Analysis with UML Design and PL/SQL Development

Canada (2023)

- Conducted a comprehensive analysis of an online sales system, leading to the development of a detailed UML model that outlined the system's architecture and interactions.
- Used Oracle SQL to create a robust database solution for managing all aspects of the online sales business, from inventory to customer transactions. Developed PL/SQL triggers and views to automate critical operations and generate dynamic reports, significantly enhancing operational efficiency and decision-making capabilities.

## PERSONAL PROJECTS

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### Python Group Project on Astronomical Modeling

(2019)

- Engaged in a collaborative effort with a 3-person team to code a Python-based model simulating the celestial arrangement of stars, demonstrating teamwork and coding proficiency.
- This project deepened my understanding of effective group collaboration, highlighting the significance of communication, responsibility sharing, and collective problem-solving.

### Java Object-Oriented Programming Project

(2022)

- Demonstrated advanced object-oriented programming (OOP) skills by developing a dynamic Snake game in Java. This project highlighted my ability to leverage OOP principles and API integration to construct a sophisticated and robust gaming application.

## EDUCATION

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### Université du Québec à Montréal

Montral, Qc (2022–Present)

- Bachelor of Computer Science

### Lycee pasteur

Sao paulo, Brazil (2012–2019)

- French Baccalaureate, scientific orientation
- Specialization in computer science and digital science