

Martin Medina

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EDUCATION

University of Montreal

Bachelor's Degree in Computer Science — GPA: 3.37 (B+)

Montreal, Canada

Sep. 2022 – Apr. 2025 (expected)

Lycée Français Louis Pasteur

High School — Excellence Award

Bogotá, Colombia

2015 – 2018

EXPERIENCE

Teaching Assistant

University of Montreal

September 2023 – April 2024

Montreal, Canada

- Courses:
 - * IFT 1005 - Web Design and Development | (*Sep. 2023 – Dec. 2023*)
 - * IFT 1144 - Introduction to Internet Programming | (*Sep. 2023 – Apr. 2024*)
 - * IFT 1990 - Computing for Social Sciences | (*Jan. 2024 – Apr. 2024*)
- Answer student questions, grade practical assignments, prepare practice exercises, and supplement professors' explanations with use cases.

Summer School Animator

University of Montreal

July 2024

Montreal, Canada

- Plan, organize, and lead activities focused on fun and teamwork.
- Ensure the safety of the summer school environment and respond to emergencies.
- Foster a sense of inclusion and belonging among participants.

Computer Workshop Coordinator – Summer School

University of Montreal

July 2024

Montreal, Canada

- Introduce participants to computing by teaching the basics of Python programming and digital tools.
- Designed interactive and engaging lessons to develop their interest and computing skills. My goal was to provide an introduction to computing to guide their choice of field of study at university.
- Implemented the "Hangman" game in Python.

Team Leader

Tim Hortons

September 2022 – May 2024

Montreal, Canada

- Customer service, staff training, quality control, and management of inventory and bank deposits.

PROGRAMMING SKILLS

Languages: Python, HTML/CSS, JavaScript, Java, SQL (PostgreSQL), C/C++, Haskell, LaTeX

Libraries and Frameworks: Django, Numpy, JQuery, AJAX, JUnit, Maven, JavaFX, Jakarta Persistence API

Tools: Git, VS Code, PyCharm, IntelliJ, CLion

Others: Data Structures, Algorithms, Databases, UML, Bash

PROJECTS

Survey Web Application | *Python, Django, HTML/CSS, JavaScript*

In Development

- Online survey web application developed with Django that allows users to create surveys, vote on existing surveys, view survey results, and share surveys.
- **GitHub Repository:** github.com/medinammartin3/Sondi

Personal Web Page | *HTML/CSS, JavaScript*

- Website for my CV and Portfolio
- **Link to Web Page:** <https://medinammartin3.github.io>
- **GitHub Repository:** github.com/medinammartin3/medinammartin3.github.io

Online Shopping Web Page | *HTML/CSS, JavaScript, JQuery, AJAX*

Fall 2022

- Implemented the front-end of an interactive online shopping website (like Amazon).

- **Link to Web Page:** <https://medinammartin3.github.io/OnlineShop/index.html>
- **GitHub Repository:** https://github.com/medinammartin3/TP3_IFT1005

Unishop | *Java, JUnit, Maven*

Fall 2023

- Online store simulation program with a command-line interface. Implements a database with files and includes numerous features for buyers and sellers.
- **GitHub Repository:** github.com/medinammartin3/Projet_IFT2255

Client-Server Application in Java | *Java, JavaFX, Maven*

Winter 2023

- Client-server application that allows users (students) to register for courses with a graphical interface implemented with JavaFX.
- **GitHub Repository:** github.com/medinammartin3/Inscriptions_UdeM
- **Demo Video:** https://youtu.be/T4D-IG02jn4?si=T_W0DgzJoF3X0ABN

LANGUAGES

Spanish: 100% (spoken and written)

French: 100% (spoken and written)

English: 80% (spoken and written)

Portuguese: 60% (spoken and written)

REFERENCES

Souhila Benbetka

Lecturer – University of Montreal

- **Email:** souhila.benbetka@umontreal.ca

Abdelhakim Senhaji Hafid

Lecturer – University of Montreal

- **Email:** ahafid@iro.umontreal.ca

Nesrine Mohamed Said

Summer School Coordinator – University of Montreal

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