

Maria Fernanda CASTRO SOTO

Skills

- Interest in research (experience volunteering on research projects)
- Language proficiency in English, French and Spanish
- Soft skills include teamwork, communication, and attention to detail
- Lab experience: Physiological techniques, Organic Chemistry techniques, and Molecular Biology techniques
- Technical skills include Python, Java, C, Bash, Linux, and Microsoft Office

Work Experience:

Tutor (Book Dumpings Tutors) 09/2024 – In progress | (Tutorax) 02/2021 – 01/2022 | (Collège Sainte-Anne de Lachine) 08/2017 – 06/2018

I have experience tutoring elementary, middle, and high school students, mainly in Mathematics, English and French. I support their understanding of different concepts, by identifying and addressing specific concerns.

Summer Intern (Otsuka Pharmaceuticals) 05/2024 – 08/2024

I supported the Patient Experience team, assisting them in their goal of delivering an unparalleled customer experience with the most personalized and patient-centered care possible to ensure the best patient outcomes. I assisted in administrative tasks and communicated with different healthcare professionals to contribute to team efficiency.

Floor Fellow or Resident Assistant (McGill University) 08/2023 – 04/2024

I worked to ensure that students living in residence have smooth transitions into life in McGill residences. I was a live-in mentor responsible for facilitating emotional, physical, academic and social wellbeing of incoming students, fostering a harmonious, safe and positive living environment.

Administrative Agent Class 2 (CISSS de la Montérégie-Est) 07/2023 – 08/2023

I assisted professionals in their administrative and professional functions requiring specific knowledge about enhancing purchased services offered by the government in Seniors' Residences. I performed a range of secretarial or office automation tasks according to established methods or procedures.

Daycare Educator in Primary School (Centre de services scolaire des Patriotes) 05/2023 – 06/2023

I ensured the well-being and safety of the children in my care. I took part in the planning and preparation of activities, projects, and educational and recreational outings.

Note-Taker (Dawson College) 01/2022 – 06/2022

I took notes for another student and informed her about the details on every assignment. I supported her understanding of different concepts by presenting clear and concise notes.

Grocery Clerk (Métro plus) 08/2020 – 08/2021

I identified the needs of costumers promptly and efficiently, while building and maintaining effective relationships with peers and upper management to drive team success toward common sales, service and operational goals. I followed company guidelines for cleaning and sanitizing all work equipment.

Day Camp Counselor (Ateliers Beaux-arts) 06/2019 – 08/2019

I cultivated and deepened relationships between staff, families, and children assisting to the day camp by utilizing active listening and dynamic interpersonal skills. I enforced discipline and policies to protect safety of recreational activity participants in the pool and outside the summer camp.

Education, Certifications and Training:

B.Sc. Major Computer Science and Biology, Minor in Interdisciplinary Life Sciences In Progress

McGill University, Montreal, QC

Research Ethics based on the Tri-Council Policy Statement: Ethical Conduct for Research Involving Humans (TCPS 2: CORE 2022) 10/2023

Government of Canada

Transportation of Dangerous Goods TDG/IATA course - Canada 10/2023

CITI Program

Good Clinical Research (GCP) – Canada Refresher 09/2023

CITI Program

Standard First Aid and CPR-C Training 05/2023

Canadian Red Cross

DEC in Health Science 06/2022

Dawson College, Montreal, QC

High School Diploma (DES) 06/2020

Collège Sainte-Anne de Lachine, Montréal, QC

Volunteering and Other Experiences:

Undergraduate Research Volunteer for the PULSE Research Project in the Daskalopoulou Lab in the RI-MUHC | 10/2023 – 04/2024

I was a volunteer research assistant for the PULSE Study in the Vascular Health Unit at the McGill University Health Centre Research Institute. This multinational study aims to find a way to predict early preeclampsia by studying arterial stiffness in high-risk pregnancies using other vascular measurements and biomarkers. My role was to work closely with the research coordinator to manage the daily tasks of the research project and to collaborate with clinic staff and the research team for chart reviews and sample processing.

VP Finance for the Club UAEM's McGill Chapter | 04/2023 - In progress

My primary responsibilities include submitting the banking contract along with managing all transactions, reimbursements, and audits. I keep track of all transactions made with the club bank account throughout the school year and keep/record documentation for such transactions (i.e. receipts). I am also responsible for filling two audit forms covering all transactions made by the club.

Volunteering at two ACT Research Projects collaborating with different universities | April 2021 – July 2021, November 2021 – April 2022

In the first project, I assisted the Qualitative Research team for a few months. I helped during the interviews of the research participants by filling out grids to observe and analyze the results of the research. In the second project, I assisted the Quantitative Research Team writing newsletters to ensure the participation of the participants in the control group.

Active participation in the student life throughout high school | August 2015 – June 2020

I was in the student radio and the drama club. Also, for many years, I volunteered at the open house of my high school, in which I would answer to questions from the parents and future students. I was in many school clubs and committees. I was the president of the Marketing committee, which oversaw the sale of fair-trade products in the school to fundraise money to be able to do a humanitarian trip at the end of high school.