



# CHLOE LITRICO



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Highly motivated, recently graduated individual with exceptional problem solving and organizational skills.

## LANGUAGES

- **English** – Bilingual
- **French** – Bilingual
- **Spanish** – Intermediate

## TECHNICAL SKILLS

- **Microsoft Office** – intermediate
- **Python, MATLAB, Java**
- **HTML5, CSS, JavaScript, jQuery, Bootstrap, WordPress**
- **Laboratory Techniques:** gel electrophoresis, SDS-PAGE, 2D-PAGE, gene cloning, plating, split ubiquitin-based Y2H systems, microscopy data analysis, affinity purification, BioPac systems, datamining, bioinformatics

## CERTIFICATES

- ✓ Samaritain Firstmed Training Certificate (2012)
- ✓ PADI diploma
- ✓ Machine Learning Coursera (expected completion date: Dec. 15<sup>th</sup> 2018)

## PERSONAL INTERESTS

Yoga, Figure skating, Short clip editing, Guitar, Skiing, Scuba Diving

## EDUCATION

- Sep 2018 – present **OPENCLASSROOMS** Largest European online education platform  
*Full Stack Developer*
- Sep 2014 – Jun 2018 **MCGILL UNIVERSITY** Montreal, Canada  
*Bachelor of Science: Physiology major, Biotechnology minor*
- Sep 2010 – Jun 2014 **INTERNATIONAL SCHOOL OF GENEVA** Geneva, Switzerland
  - *International Baccalaureate: Bilingual French and English*
    - CAS award
  - *High School Diploma with Distinction*
  - *Head of Fundraising Committee (Sep 2012 – Apr 2013)*
    - Raised funds to construct a school in a small village in northern Cameroon

## PROFESSIONAL EXPERIENCE

- Jun 2017 – Sep 2018 **MONTREAL NEUROLOGICAL INSTITUTE- ZATORRE LABORATORY** Montreal, Canada  
*Research Assistant*
  - Ran a computerized experiment on participants while recording psychophysiological signals (PPG, GSR, and Breathing rate) using BioPac systems
  - Psychophysiological data processing: removed outliers and applied optimal filtering parameters to normalize the signals
  - Conducted research on filtering parameters, statistical methods, and data analysis
  - Drafted the methodology and data processing sections of the research paper on musical rewards
- May 2017 – Aug 2018 **PAIRUP** Montreal, Canada  
*Property Manager*
  - Manage several apartments on Airbnb: created the apartment listing
  - Communicate with guests and property owners to organize key exchange
  - Demonstrate exceptional communication and organizational skills
  - Promptly correspond with guests to solve unexpected problems
- Jan 2018 – June 2018 **MCGILL UNIVERSITY HEALTH CARE CENTRE** Montreal, Canada  
*Independent Research Project*
  - Project name: Radiomics (emerging field of medical physics) for prostate cancer
  - Used Python programming to extract features from a CT scan image of prostate cancer patients to analyze the side effects of radiotherapy treatment
  - Conducted extensive research on the structure of medical data files (DICOM)
  - Used software libraries: scikit-image, scikit-learn, matplotlib, numpy, & pydicom
- Jul 2015 – Aug 2015 **DR. FREMY AND DR. TAIEB'S DENTAL CLINIC** Paris, France  
*Job Shadow/Intern*
  - Observed and assisted surgical and general dental procedures
- Jul 2013 **DR. SPADA'S DIABETES AND ENDOCRINOLOGY CLINIC** Geneva, Switzerland  
*Job Shadow/Intern*
  - Observed during appointments, check-ups, and medical procedures

## VOLUNTEER

- Aug 2015 & 2016 **MCGILL UNIVERSITY - Orientation Leader** Montreal, Canada
  - Led a group of incoming students to and from events, while encouraging inclusivity
- Jul 2013 – Aug 2013 **GoECO VOLUNTEER PROGRAMS – Participant** Sing Buri, Thailand
  - Collaborated with a group of participants to construct an infirmary in two orphanages.
- Sep 2012 – Jun 2013 **INTERNATIONAL SCHOOL OF GENEVA - Preschool Teacher Assistant** Geneva, Switzerland
  - Organized interactive activities accessible to a group of 20 preschool children
- Apr 2013 **HOPITAUX UNIVERSITAIRES DE GENEVE – Participant** Geneva, Switzerland
  - Visited and entertained hospitalized children who were away from their families