

**OBJECTIF** My career goal is to use my skills in artificial intelligence, computer programming, life and earth sciences, teaching, and my social commitment to create innovative solutions that address complex issues and improve society. My ultimate ambition is to actively contribute to the advancement of technology, science, education, and social well-being, always striving to have a positive global impact.

**FORMATION**

**2023** - Ontario Post-Diploma Certificate: Applied Artificial Intelligence.  
La Cité Collégiale (Ottawa) - With High Distinction.

**2022** - Ontario College Diploma: Computer Programming  
La Cité Collégiale (Ottawa).

**1997** - Master's Degree in Cellular Biology and Physiology, with a specialization in General Biology University of Bordeaux 1 (France).

**1996** - Bachelor's Degree with a specialization in General Biology and Earth Sciences  
University of Pau and the Adour Region (France).

**SKILLS AND COMPETENCIES**

- interest in High Technology
- Computer Proficiency
- Communication and Teamwork Skills
- Independence and Initiative
- Problem-Solving Ability
- Enthusiasm, Professionalism, and Sense of Responsibility
- Strong Ethical Awareness in Computing
- Attention to Detail and Innovation
- Patience, Sociability, and Perseverance
- Logical and Scientific Thinking
- Curiosity and Desire to Learn
- High Level of Autonomy in Task Execution
- Respect for Client Confidentiality

**COMPETENCES TECHNIQUES :**

- Mobile App Development for Android and IOS
- Desktop Application Development
- Project Management
- Programming Languages: HTML, CSS, JavaScript, Python, Java, C++, C#
- Frameworks: Handlebars.js, Next.js, React, Angular, Vue.js, Node.js
- Artificial Intelligence: Machine Learning, Deep Learning, TensorFlow, Keras, Scikit-learn, Natural Language Processing (NLP), Computer Vision, Reinforcement Learning
- Databases: MySQL, MongoDB, Oracle, SQL Server, SQLite
- Development Tools: Git, Visual Studio Code, IntelliJ IDEA, Docker
- Specific Administrative Management Skills:
  - VBA (Visual Basic for Applications)
  - Excel: Recording accounting operations, payroll management, financial analysis
- Teaching: Curriculum planning, course preparation, student mentoring, performance assessment

**PROFESIONAL  
EXPERIENCES****2021 - Web Project - Survey with JavaScript, HTML, and CSS:**

- Created an online survey application using JavaScript, HTML, and CSS.
- Implemented an interactive survey form with dynamic questions and response options.
- Managed the submission of survey responses to the server and displayed real-time results.

**2021 - Web Project - Restaurant with Handlebars.js:**

- Developed a website for a restaurant using Handlebars.js as a template engine.
- Designed and implemented features for online reservations, menu display, dish presentation, and customer feedback management.
- Used HTML, CSS, and JavaScript to create an attractive and responsive user interface.

**2022 - Web Project - School Management with React:**

- Developed a school management application using React as a JavaScript framework.

**2022 - Desktop Project - School Management:**

- Developed a desktop application for school management using Java.
- Implemented features such as student and course management and grade tracking.

**2023 - Capstone Project - Melanoma Detection with Deep Learning:**

- Utilized Machine Learning and Deep Learning techniques, including Autokeras, TensorFlow, and Keras frameworks, to train a model capable of classifying images as either melanoma or benign lesions.
- Implemented a user-friendly interface for uploading and submitting images for melanoma detection.

**PROFESSIONALS  
EXPERIENCES  
OUTSIDE CANADA****2010-2020 - VBA Programmer and Administrative Manager:**

- Service provider company
- Private tutoring school
- Restaurant

**1999-2010 - Coordinator in Life and Earth Sciences****1997-2020 - Teacher in Life and Earth Sciences****2010-2014 - Member of the Djiboutian Association for Hygiene and Health (ADHS):**

- Prevention of sexually transmitted diseases
- Access to medication
- Health education in schools and disadvantaged communities

**COMMUNICATION**

In May 2023, I had the opportunity to present our innovative melanoma detection project based on artificial intelligence at the Artificial Intelligence Conference organized by Collège La Cité. My presentation aimed to explain our pioneering approach to improving early detection of melanoma using machine learning and deep learning techniques. This experience demonstrates my skill in communication and collaboration with colleagues, as well as my ability to interact effectively with a diverse audience.

**REFERENCES**

References available upon request.