

Mirza Ahmadi

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As an undergraduate student with both academic and professional experience, I am passionate and hardworking. I am skilled in conducting scientific research, scientific writing, and communication, and I have self-educated in multiple programming languages. I am eager to contribute to the growing field of bioinformatics and biotechnology and bring my experience, drive, and enthusiasm to the table.

Education

- Sep. 2019 - **B. Sc. Zoology, Minor in French Studies**
Present University of Guelph, *Guelph, ON*
• Current GPA: 3.7/4.0
- Jan. 2023 - **B. Sc. Zoology, Minor in French Studies**
June 2023 Aberystwyth University, *Aberystwyth, Wales*
- Feb. 2023 - **EDX Harvard University Course – Introduction to Computer Science**
Apr. 2023
- Dec. 2023 - **EDX Harvard University Course – Introduction to programming with Python**
Jan 2023 • Completed 9 problem sets and one final [Python Project](#)
- July 2019 - **Explore French Program**
Aug. 2019 Cégep de Jonquière, *Jonquière, QC*
• Attained a thorough French education by completing written essays, multiple exams, and active participation in oral seminars as part of an immersive French language program

Certifications

- Jan. 2023 **[Harvard's CS50 Introduction to Programming with Python Certificate](#)**
- Feb. 2019 **DELFL (Diploma in French Language Studies) B2 Certification**

Skills

Python (Intermediate)
HTML (Intermediate)
CSS (Intermediate)
JavaScript (Beginner)
Web Scraping (Intermediate)
Mesquite (Intermediate)
Microsoft Excel (Advanced)
R (Intermediate)

Professional Experience

- May 2022 - **Undergraduate Researcher**
Present University of Guelph, *Guelph, ON*
• Independently designed and executed a research project focused on snake venom evolution
• Conducted a thorough literature review, communicated with experts in the field, and analyzed data from multiple phylogenies to investigate the mechanisms driving venom evolution across various snake lineages
• Employed MS Excel and Mesquite to develop and interpret multiple graphical analyses
• Effectively communicated research findings to both peers and lab supervisors through presentations and data visualizations
• Produced a comprehensive 30+ page scientific report based on research findings, with a current focus on preparing it for publication in a peer-reviewed scientific journal

- April 2022 - **Globalink Mentor**
Nov. 2022 University of Guelph, *Guelph, ON*
- Developed and distributed information packages related to transportation, federal government regulations, and Canadian banking for seven international research interns conducting their research at the University of Guelph
 - Demonstrated leadership skills by coordinating and arranging multiple social events to facilitate networking and community-building among the interns
 - Provided continuous logistical assistance and promptly resolved any issues that arose while adapting to the needs of each individual
- May 2021 - **Data Entry Clerk**
Jan. 2022 MSH International, *Toronto, ON*
- Conducted data analysis and uploaded information from scanned records into the company's database
 - Generated and Organized reports using MS Excel
 - Managed administrative duties including communicating with clients and providers through email
- July 2020 - **Guest Operations Employee**
Sept. 2020 Toronto Zoo, *Toronto, ON*
- Managed guest flow and enforced Covid-19 protocols at the zoo while also sanitizing frequently touched surfaces

Volunteer Experience

- Feb. 2017 - **French Tutor**
June 2017 RG Education Centre, *Toronto, ON*
- Instructed and evaluated elementary school children in French language comprehension, writing, and oral communication skills
- Oct. 2016 - **Therapeutic pool Lifeguard**
June 2017 Holland Bloorview Kids Rehabilitation Centre, *Toronto, ON*
- Demonstrated excellent interpersonal and communication skills while working with special needs children in a therapeutic pool setting
 - Completed comprehensive safety training related to pool operations, including knowledge of safety measures both in and out of the pool. Proficient in communication with children and operation of specialized equipment, such as wheelchairs and flotation devices