

# Mirza Ahmadi

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## EDUCATION

### University of Guelph

*Honours Bachelor of Science*

- Major in Zoology, Minor in French Studies, GPA: 3.9

Sep 2019 – Oct 2023

*Guelph, ON*

### Aberystwyth University

*One Semester Exchange Program*

Jan 2023 – June 2023

*Aberystwyth, Wales*

## EXPERIENCE

### Undergraduate Researcher

*University of Guelph*

May 2022 – Present

*Guelph, ON*

- Designed and executed an independent research report on snake venom evolution, producing a 30+ page report
- Conducted literature review & analyzed data from multiple phylogenies to investigate venom evolution mechanisms
- Collaborated with experts in bioinformatics, biochemistry, and genomic biology, enhancing scope of research
- Acquired skills in R, MS Excel and Mesquite for the creation of correlation/graphical analyses, and phylogenies
- Currently working towards publication in a peer-reviewed scientific journal

### Globalink Mentor

*University of Guelph*

April 2022 – Nov 2022

*Guelph, ON*

- Developed info packages on government regulations and Canadian banking for seven international research interns
- Led coordination of social events to foster intern networking and community-building
- Provided ongoing logistical support, addressing individual needs and resolving issues promptly

### Data Entry Clerk

*MSH International*

May 2021 – Jan 2022

*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 via email

## PROGRAMMING PROJECTS

### SciRef | Tailwind CSS, React, Django

August 2023 - Present

- Created a website which generates customized scientific references for PubMed journal articles
- Enables users to input URLs and order reference components to obtain accurately formatted references

### Colour Chaos! | Python

July 2023

- Developed GUI-based interactive game, challenging players' typing speed and selective attention
- Enhanced user engagement by creating features like high score tracking, game restart, and real-time timekeeping

### Personal Website | HTML, CSS

June 2023

- Designed and developed a personal website to showcase my skills, experience and programming projects

## CERTIFICATIONS

### LinkedIn Learning certificate: Python Essential Training

June 2023

### Harvard CS50 Introduction to Programming with Python

Jan 2023

### DELF (Diploma in French Language Studies) B2

Feb 2019

## TECHNICAL SKILLS

**Python** (Advanced)

**R** (Advanced)

**HTML** (Intermediate)

**CSS** (Intermediate)

**Django** (Intermediate)

**React** (Intermediate)