

CHLOË FARR

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🌐 chloe-farr

ABOUT

- Dedicated to fostering a culture of innovation and efficiency through advanced technological solutions.
- Driven to leverage technology to optimize workflows and enhance productivity.

PROGRAMMING LANGUAGES

| | | | |
|---|-------------|--|--|
|  R | ◇ Tidyverse |  Python |  MySQL |
|  JavaScript | |  HTML | ◇ CSS |
|  Markdown | |  Java |  PHP |
| | | |  C# |

SOFTWARE AND TOOLS

| | | | |
|-----------|-------------|---------------|--------------------|
| ▶ RStudio | ▶ Github | ▶ RegEx | ▶ Airtable |
| ▶ Latex | ▶ Wordpress | ▶ Adobe Suite | ▶ Microsoft Office |
| ▶ Unity | ▶ Praat | ▶ Figma | ▶ H5P |

PROFESSIONAL EXPERIENCE

Graduate Assistant, Programming, Electronics, and Data Analysis

10/2023 - Present

Digital Scholarship Commons (DSC) at the University of Victoria (UVic) Libraries

Victoria, B.C.

- Continuing the development of a web application for the UVic community to access the DSC's makerspace offerings: interface for a purchase database to streamline the processing of purchases on both the customer and staff ends. 🌐
Technology Used: MySQL; PHP; HTML/CSS; Javascript
- Developing beginner and intermediate RStudio Workshops. 🌐
Technology Used: R, RStudio, Tidyverse, Rmd; Github Pages
- Leading community workshops:
 - ▶ Beginner RStudio 🌐
 - ▶ Intermediate RStudio 🌐
 - ▶ Excel 🌐
 - ▶ Beginner HTML/CSS 🌐
 - ▶ LaTeX 🌐
 - ▶ Virtual Reality & 360 Tours 🌐
- Utilizing GitHub for version control to manage changes to the web application and to update workshop content.
Technology Used: GitHub, Version Control, GitHub Pages

Developer, Language Material Development

11/2023 - Present

xʷəlməxʷqən Cultural Society

Remote

- Developing a WebGL vocabulary learning game.
Technology Used: HTML, CSS, JavaScript, Figma, Airtable
- Developed an online interactive phonetics tool. 🌐
Technology Used: HTML, CSS, JavaScript, Adobe Illustrator

Developer, Language Material Development

02/2021 - 09/2023

Hul'q'umi'num' Language and Culture Society

Remote

- Developed a WebGL vocabulary learning game.
Technology Used: C#, Unity, WordPress, Adobe Illustrator, Airtable
- Developed digital material for Hul'q'umi'num' teachers.
Technology Used: H5P, WordPress, Airtable


ACADEMIC EXPERIENCE

Graduate Course Work

09/2021 - 04/2022

University of Victoria

Victoria, B.C.

- Phonological and morphological analyses of Hul'q'umi'num' words. 

Technology Used: Python, RegEx

Research Assistant

08/2021 - 05/2023

Speech Research Lab (University of Victoria)

Victoria, B.C.

- Compiled materials for a study on acoustic identification of sounds in Hul'q'umi'num' by Hul'q'umi'num' learners.

Technology Used: Praat & Praat's Python-like programming language, JavaScript, Google Sheets

Research Assistant

05/2020 - 09/2021

Integrated Speech Research Lab (University of British Columbia)

Remote

- Conducted a comparative analysis of head movement in and out of virtual reality.

Technology Used: R, RStudio, Python, Oculus, OpenFace

- Conducted an acoustic voice analysis of speaker accommodation with virtual assistants.

Technology Used: R, RStudio

EDUCATION

University of Victoria

Victoria, B.C.

Master of Arts - Linguistics (Graduate Co-op Education)

09/2021 - 06/2024

Thesis: *Unmasking ChatGPT: The Challenges of Using Artificial Intelligence for Learning Vocabulary in English as an Additional Language*

Technology Used: LaTeX, ChatGPT

University of Victoria

Victoria, B.C.

Bachelor of Arts - Linguistics (Undergraduate Co-op Education)

01/2018 - 06/2021

Additional Courses: CSC110 (*Fundamentals of Programming I - Python*), CSC 115 (*Fundamentals of Programming 2 - Java*)

Thesis: *Learning Words with Unfamiliar Consonants in Virtual Reality Environments*

Technology Used: C#, Microsoft Excel, Unity, LaTeX, Oculus

Thompson Rivers University (Open Learning)

Remote

Diploma in General Studies (Focus: English and Sociology)

07/2015 - 06/2017

Banff Centre for the Arts

Banff, AB.

Lighting Design and Lighting Technician Work study

06/2013 - 05/2014

Technology Used: AutoCad, VectorWorks

Toronto Metropolitan University

Toronto, ON.

Theatre Production (Focus: stage management, lighting, and costumes)

09/2011 - 05/2013

Technology Used: AutoCad, VectorWorks

MISC.

- Publications 