

SARAH NEWMAN

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Education

Diploma in IT Programming

NSCC Institute of Technology Campus, Halifax, Canada

Jan 2022 – Dec 2023 (Anticipated)

BSc Geology & French Minor

Saint Mary's University, Halifax, Canada

Sept 2014 – Jan 2020

Video Game Animation Associate Diploma

Toronto Film School, Online

July 2019 – Completed one year of a two-year program

Explore 5 Week French Program

Université Sainte-Anne, Church Point, Canada

July – August 2014

Work Experience

Cove Intern

J-Squared Technologies Inc., May – Aug 2023

- Aided in automating a temperature testing unit using WinForms and PowerShell scripts
- Helped port over drivers, for a board support package (BSP), and write tests from Windows to Linux in C++

Project Services Assistant

Employment and Social Development Canada, Aug 2020 – Jan 2022

- Created, organized, and updated various documents in Word, Excel, and Adobe PDF
- Assisted in analyzing data to help with the success of a purchase order project
- Aided in translating various documents including guideline documents and request for proposal (RFP) requirements
- Updated and compiled financial budgets in MS Excel and AMS
- Assisted with the reviewing of staffing forecasting
- Converted financial quotes to MS Excel

Bilingual Telephone Interviewer

Statistics Canada, Feb 2016 – Aug 2020

- Aid in solving respondent's problems/issues/concerns
- Collect data on computer software over the phone in business and social situations

- Employed professionalism to help solve respondents' problems and concerns in both English and French

Badminton Coach

Self-Employed, Summer 2015 – 2017

- Developed, and ran a competitive badminton summer training camp alongside one other coach

Languages (*experience gained through various NSCC programs and self-study*)

Java
Python
MySQL

C++
C#
MariaDB

HTML
C
Linux

CSS
PHP

Computer Skills

GitHub

- Created, uploaded to and maintained multiple GitHub repositories in various courses at NSCC

JetBrains

- Used numerous JetBrains IDEs (IntelliJ, Clion, Rider, PyCharm, DataGrip, PHPStorm, Android Studio) to write code through various courses at NSCC

VMWare

- Compile a functioning virtual machine in my Introduction to Windows Administration and Linux Operating Systems courses at NSCC

MS Excel

- Organizing project data and financial budgets for ESDC and compiling and analyzing geochemistry data throughout geology courses at Saint Mary's University

Autodesk

- Used 3dsMax and Maya in my courses at Toronto Film School to model and animate game assets

Unreal Engine 4

- Assembled a functioning game environment through my Game Modeling 2 course at Toronto Film School

Unity

- Developed 2D games during the Global Game Jam and through my Capstone course using Unity

Adobe Creative Suite

- Used numerous Adobe software (Photoshop, Illustrator, Substance Painter, Substance Designer, XD) through my modeling and texturing courses through Toronto Film School and Interface Design and Development through NSCC

AMS

- Updated and created new financial budget forecast entries.

Corel Draw

- Stratigraphic mapping of a petroleum basin through my Petroleum course at Saint Mary's University

Arc GIS

- Mapping rock units through my Cartography & Stratigraphy course at University of Québec at Montréal

Relevant Skills

Ability to Work Independently and as a Team

- Gained through individual and team sports trainings and competitions, and through various independent and team projects throughout university and college

Project Management

- Gained through my Project Management course and scheduling and completing independent projects for my diploma in IT Programming at NSCC

Effective Bilingual Communication

- Demonstrated through conducting surveys and managing the phone room for Statistics Canada and aiding in the translation of documents for ESDC

Data Analysis

- Collected, compiled, and analyzed data through various geology and science courses at Saint Mary's University and University of Québec at Montréal

Achievements & Volunteer Experience

Participant of 2023 Global Game Jam
Feb 2023

Athlete at Canada Winter Games
Feb 2015 & 2019

Winner of the Novonix 'What's your challenge' NSCC Job Fair Event
Feb 2022

Volunteer Assistant Coach for various badminton programs
2015 – 2021

Volunteer

Assistant Coach *2015 – 2021*

- Assist the head coach instruct athletes during drills and exercises, making sure they're being executed properly

Atlantic Indigenous Games, Aug 2019

- Helping the tournament run smoothly by calling scheduled matches and inputting scores in a software