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Joel Semeniuk

EDUCATION

University of British Columbia Okanagan

September 2018 – Present (Graduating April 2022)

- **Major**: Computer Science, B.Sc. (Cumulative GPA: 4.20 Third Year GPA: 4.33)
- **Minor:** Data Science
- **Coursework**: Parallel Computing, Computer Graphics, Data Analytics, Databases, Networks, Computer Vision, Machine Learning, Algorithms, Web Programming, Data Structures, Machine Architecture

EMPLOYMENT

Software Developer, Reflex Enterprise Solutions Group

May 2021 – Present

- Created a solution for backend report generation communication to the frontend using SignalR
- Developing a program to upgrade company projects to newer versions of .NET
- Refactoring older projects to take advantage of the repository model

  Utilizing: C#, MSSQL

PROJECTS

Medical Image matching using AI for record linkage— *BC Cancer*

- University Capstone Software Engineering Project
- Personal role entails effective technical communication and team leadership
- Currently acting as QA Lead by ensuring proper code testing and fulfilling client needs

  Utilizing: Python(Tensorflow, OpenCV, and other open source libraries)

Music Teacher Website— *Danni's Music Studio (https://www.dannifehr.ca/)*

- Developed a website for a local music teacher that allows for students to view notes created by the teacher
- Incorporated Google Firebase for data storage
- Used Google's authorization system for user signup and login
- Added multi level users through Google Cloud Functions

  Utilized: HTML/CSS, Javascript, Firebase, Git, Heroku

SKILLS

Software: Most experience with C#, Java, Python, Javascript, SQL. Some experience with C, R, MatLab, PHP, Git, HTML, CSS.