

Joel Semeniuk

WORK EXPERIENCE

Software Developer, Equinox Software Design

May 2022 – Present

- Deliver features specified by requirements and business rules of large power utilities
 - Convert client needs into technical specifications
 - Coordinate with clients to ensure optimal satisfaction of new features and enhancements
 - Implement and test requirements within deadlines
- Provide maintenance and deployments to servers
- Implemented features to improve and streamline power outage control room operations
 - Implemented automated data coordination between two power utilities to reduce manual errors and save operator time for impacted outages
 - Developed jobs to schedule actions and run reports to inform interested parties to enhance monitoring, alerts, and tasks
 - Implemented and designed browsers for users to more accurately query for information improving retrieval abilities and ease of use

Utilizing: C#, MSSQL, Angular

Software Developer, Reflex Enterprise Solutions Group

May 2021 – May 2022

- Created a solution for backend report generation communication to the frontend using SignalR
- Refactored older projects to take advantage of the repository model

Utilized: C#, MSSQL

EDUCATION

University of British Columbia Okanagan

September 2018 – April 2022

- **Major:** Computer Science, B.Sc. (4.33 GPA) **Minor:** Data Science

PROJECTS

Medical Image matching using AI for record linkage – BC Cancer

- University Capstone Software Engineering Project
- Personal role entailed effective technical communication and team leadership

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

Music Teacher Website – Danni's Music Studio

- Developed a website for a local music teacher that allows for students to view notes created by the teacher
 - Improved abilities for users to track and store notes and assignments with personal logins

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

SKILLS

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