Joel Miles

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EDUCATION

University of British Columbia　　　　　　　　　　　　　　　　　　　Vancouver, BC
Bachelor of Education　　　　　　　　　　　　　　　　　　　　　*Aug. 2021 – May 2022*

University of British Columbia　　　　　　　　　　　　　　　　　　　Vancouver, BC
Bachelor of Science, Major in Biochemistry, Co-operative Education Program　*Aug. 2014 – May 2017*

PROJECTS

Joel's Corner | *React, JS, HTML, CSS, TypeScript, Tailwind*　　　　　Aug. 2023 – Present
- Static, front-end website hosted on Cloudflare pages for displaying my personal projects
- Responsive design with dynamically generated pages, uses DaisyUI components

Disney Booker | *C#, ASP.NET, Selenium*　　　　　　　　　　　　Aug. 2023 – Oct. 2023
- Automated detection of Disney World reservations using an API endpoint, with Selenium-powered booking
- Features include direct link generation of bookings, and notification through alerts, text, and emails

Bookshelf | *C#, Avalonia UI, Firebase*　　　　　　　　　　　　　Apr. 2023 – Sep. 2023
- A cross-platform digital bookshelf with data storage in Google's Firebase
- Uses Google Books API and the HtmlAgility package to pull data and images from Google and Goodreads
- Uses MVVM architecture, dependency injection, and .Net Community Toolkit 8.1 for source generation

Work Finder | *React, JS, HTML, CSS, TypeScript, Tailwind, ASP.NET, MAUI, WPF*　Sep. 2022 – Oct. 2022
- Full stack React/C# program for finding work as a substitute teacher
- Features include themes, dependency injection, notifications through email and text, and job filtering

EXPERIENCE

Teacher　　　　　　　　　　　　　　　　　　　　　　　　Sep. 2022 – Present
Surrey Schools District　　　　　　　　　　　　　　　　　　　　　*Surrey, BC*
- Instructed a diverse range of subjects including Computer Science, Engineering, Science, and Math
- Collaborated closely with students with intricate needs to support their tailored learning objectives
- Assisted with the Bases program, aiding students with learning and physical disabilities

Education Assistant　　　　　　　　　　　　　　　　　　　　Sep. 2018 – June 2021
Pacific Academy　　　　　　　　　　　　　　　　　　　　　　　*Surrey, BC*
- Adapted courses during COVID-19 by incorporating a self-made website, YouTube lessons, and online sessions
- Promoted inclusivity by offering personalized, one-on-one support to students with diverse needs

Agriculture Lab Technician　　　　　　　　　　　　　　　　　Aug. 2017 – Sep. 2018
SGS Canada　　　　　　　　　　　　　　　　　　　　　　　　*Burnaby, BC*
- Automated a manual data entry task, reducing processing time from 3 days (biannually) to 20 minutes, resulting in efficiency gains and freeing up a senior chemist
- Delivered protocol-adhered samples for analysis with close to a 100% punctuality rate, meeting client deadlines

Food Residue Technician　　　　　　　　　　　　　　　　　May 2015 – Jan, 2016
Maxxam Analytics　　　　　　　　　　　　　　　　　　　　　　*Burnaby, BC*
- Worked independently and efficiently to deliver sample results within a client's specified timeframe
- Experienced in equipment maintenance, troubleshooting, and precise protocol adherence

TECHNICAL SKILLS

Languages: C#, SQL (MSSQL, SQLite), JavaScript, HTML, CSS
Frameworks: React, ASP.NET Core, Microsoft MAUI, Node.js, Angular, TypeScript
Developer Tools: Git, VS Code, Visual Studio, Rider, Postman, Amazon Web Services CLI, Microsoft Azure CLI
Libraries: Selenium, .NET Community Toolkit, Entity Framework, Swagger, Tailwind, Mantine, DaisyUI
Concepts: Object-Oriented Programming, Version Control Systems, Software Architecture