

Michelle Yu

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TECHNICAL SKILLS

Languages: C#, C++, SQL, JavaScript, MATLAB

Technologies: Git, React.js, HTML, CSS, Node.js, SQL Server, .NET

Other Tools: Visual Studio, Eclipse, Unity, Virtual Box, VMWare

EXPERIENCE

Web Developer

Oct 2019 – Apr 2020

Institute of Electrical and Electronics Engineers (IEEE) - Seneca

Toronto, ON

- Developed the IEEE webpage for Seneca using WordPress to display and schedule upcoming activities to over 500 students.
- Implemented a Live Calendar and a Workshop page to help improve membership activity and IEEE visibility.
- Managed 4 other developers using an Agile Methodology to improve project velocity by 30%.

C# Instructor

May 2019 – Aug 2019

Real Programming 4 Kids

Toronto, ON

- Led 5 courses teaching programming fundamentals and mathematics by creating video games using Visual Basic and C#.
- Expanded scope of coursework to include custom designs and game features for each student, encouraging participation and increasing student retention rates by 20%
- Conducted trial classes for children interested in programming and game creation, explaining object-oriented programming concepts in a clear manner, achieving a 100% sign up rate.

Pharmacy Assistant

May 2017 – May 2019

Finch Midland Pharmacy

Toronto, ON

- Created a reference system for product information (UPC, supplier, retail cost) to reduce ordering and stocking time by 10%.
- Managed pharmacy inventory by monitoring stock and placing daily orders based on established needs.
- Maintained physical and electronic filing system of dispensing records, prescriptions, and other required documentation.
- Provided support to clients by phone and in person, collaborating with team members to prioritize urgent requests.

PROJECTS

Reading List (JavaScript, HTML, CSS, JSON)

[Live](#) | [Github](#)

- Web application for users to keep track of books they have read with information about each book and the users' ratings.
- Persisted local data storage in JSON.

Tutor Scheduling Application (C#, Microsoft SQL)

[Github](#)

- Created a desktop application for tutors to view and update their current teaching schedule, manage student information, and find available times for new students using a calendar view.
- Designed relational database schema for Microsoft SQL Server to allow for easy retrieval of student and appointment information.

Student Profile Management Application (C#, Microsoft SQL)

[Github](#)

- Designed a desktop application for teachers to manage student records and generate grade reports by student or class.
- Improved program by preventing users from submitting invalid student or grade information.

EDUCATION

Electronics Engineering Technician, Diploma

Graduated May 2020

Seneca College

- 4.0/4.0 Cumulative GPA – President's Honour List (May 2018 – May 2020)

Honours Science, Minor in Chemistry, Minor in Economics, Bachelor of Science

Graduated Jun 2017

University of Waterloo