SHILOH MICHAEL RODRIGUES

Computer Science Student

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EXPERIENCE

Construction Subcontractor
Nellis Construction

📅 May 2020 – Ongoing　　📍 Montreal, QC

- Managing small team of up to 2-3 laborers.
- General construction work; performing repairs on home foundations and concrete and brick structures.

Electronics Technician
Excelitas Technologies

📅 May 2018 – Jan 2020　　📍 Vaudreuil-Dorion, QC

- Retrofitted older internal testing software for newer products.
- Used diagnostic and testing processes in collaboration with product engineers to identify, define and solve development issues.
- Accomplished faster testing times by automating tests using Visual Basic.
- Created and maintained SQL databases to manage test data.

EDUCATION

BCompSc - Computer Science
Concordia University

📅 Jan 2020 – Dec 2023 (Expected)

DEC - Engineering Physics Technology
John Abbott College

📅 Sept 2015 – May 2018

SKILLS

Java　C++　Visual Basic .NET　SQL
Front-End with HTML/CSS & JS
Back-End with PHP
Liquid (Shopify)　GIT

PROJECTS

A full list of my projects can be found on my website at shiloh.dev

E-commerce Website
nursejohnn.com

Created a Shopify website for my client with multiple custom features created with Liquid.

Liquid (Shopify)　Front-End Development　Project Management

Mock Grocery Store Website

Grocery store web app made for a school project in a full stack web development course.
- Front-end made with HTML and CSS, back-end made with PHP and AJAX
- Products, orders, and users database implemented with a SQL database.
- User authentication, with administration protected controls for adding and editing products and orders.

HTML　CSS　JavaScript & AJAX　PHP　SQL

Sorting Algorithm Visualizer
shilohrodrigues.github.io/SortingAlgorithmVis

Visualization tool for various sorting algorithms made for fun and as a study tool during my algorithms course.

HTML　CSS　JavaScript

3D Printer

Custom 3d printer for the final project of my CEGEP degree, made using Arduino and the Marlin Firmware.
- First stage of the project involved making a 2D CNC machine with a custom G-code interpreter programmed in C++.
- Second stage involved adding 3rd axis and printing mechanisms.

Arduino　C++