JOHN HUANG

📞 : 647-281-7130
🔗 : https://github.com/jj8huang
✉@: johnjunhh@gmail.com

Technical Skills:

- Production use of **SQL, C#, HTML5, CSS3, JavaScript, jQuery, AngularJS, VB.NET,** and **Git**
- 2 years of experience with **Java** using Eclipse IDE
- Programming experience with **C**, **C++**, and **PBASIC**
- Proficient with **Arduino** and **BASIC Stamp 2** Microcontroller hardware and software

Work Experience:

BDO Canada LLP – Full-Stack .NET Developer/Consultant (January 2017 – April 2017)

- Produced two corporate websites with ASP.NET MVC 6 Framework design pattern using C#, for Corporate Service Providers and the British Virgin Island government
- Optimized website performance by 90% by switching to client side code using AngularJS and jQuery
- Integrated JSON into user input validations to return proper messages
- Queried and maintained data using SQL Management Studio and used SQL Server Profiler to troubleshoot and resolve performance issues
- Incorporated the Repository Pattern using LINQ queries and lambda expressions
- Took ownership of daily smoke tests to ensure code deployment quality and reported results to team
- Managed and organized code from the development team using Git workflow

ArcelorMittal Dofasco – Programmer (May 2016 – August 2016)

- Developed, tested, and launched 2 Windows Form applications to manage daily reporting by implementing ADO.NET using VB.NET and retrieving data from Oracle databases with SQL
- Archived report data into Microsoft Access using ADO.NET and SQL
- Created 3 Crystal Reports for company use to manage daily reporting using VB.NET and SQL
- Analyzed productivity of multiple departments in the company by querying Oracle databases using SQL in order to give statistical data to suggest improvements for company efficiency
- Actively participated in project management: organized meetings and discussed specifications

Projects:

Visual Function Simulator

- Worked on team to develop a graphing calculator that displays the graph of simple functions in Java
- Implemented a visual GUI using Swing and AWT
- Used object-oriented programming and enforced data abstraction for a clean user interface

Coloured Calculator

- Created a stylish calculator using HTML, CSS, and JavaScript to perform basic mathematical operations
- Self-taught HTML, CSS, and JavaScript through various online resources to accomplish project

Awards and Distinctions:

- 1st place in the Ontario Provincial Level of Destination Imagination Challenge E – invited to Global Finals
- Won numerous honours and distinctions for math competitions, including CEMC math contests and The Sun Life Financial Canadian Open Mathematics Challenge

Education:

Candidate for Bachelor of Software Engineering

- University of Waterloo, Waterloo, Ontario, Canada (Class of 2020)

Activities & Interests:

- Digital Media, including Adobe Photoshop and PaintTool SAI
- RCM Grade 10 pianist and previous Halton Mississauga Youth Orchestra clarinettist