

# JohnHuang

## Contact

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## Languages

C# , C++ , C, HTML5,  
CSS3, JavaScript, Java,  
Python, SQL, VB.NET,  
PBASIC

## Full-stack

AngularJS, ReactJS,  
jQuery

## Tools

Git, Perforce, Visual  
Studios, Eclipse, Arduino

## Work Experience

### Carbonite

Sept 2017–Dec 2017

#### Software Engineer

- Developed authentication mechanism for cloud backup system using C# to properly integrate ASP.NET Web API
- Built multiple RESTful API calls with versioning using ASP.NET Web API
- Improved user experience by changing returned error messages using Python

### BDO Solutions Technology

Jan 2017–Apr 2017

#### Full-Stack .NET Developer/Consultant

- 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
- Queried and maintained data using SQL Management Studio and used SQL Server Profiler to troubleshoot and resolve performance issues
- Managed and organized code from the development team using Git workflow

### ArcelorMittal Dofasco

May 2016–Aug 2016

#### Programmer

- 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
- 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 by organizing meetings and discussing specifications

## Projects

### Weather To Bring It

- Designed and created a web application using ReactJS to be able to automatically update weather conditions and suggest to user what to bring outside
- Incorporated RESTful API calls provided by the Weather Network at Hack Western 4

### Visual Function Simulator

- Worked on a 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

## Education

### University of Waterloo:

Candidate for Bachelor of Software Engineering, Class of 2020

## Interests

### The Arts

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

### Personal

- Web design (Responsive design, improving UI/UX features)
- Video games and board games