

# Aida Zuniga

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Actively motivated and enthusiastic worker with a passion to learn new things.

## Technical Skills:

### Proficient in:

- C++
- Java
- C
- Python
- HTML
- CSS
- Bash
- Git
- L<sup>A</sup>T<sub>E</sub>X

### Familiar with:

- VBScript
- PHP
- Scheme
- ActionScript
- JQuery
- MATLAB
- C#
- Bootstrap
- XML
- JSON

### Technologies:

- Eclipse
- Drupal
- SharePoint
- IBM WebSphere Server
- GitHub
- JIRA
- Adobe Photoshop

### Operating Systems:

- Linux
- Windows
- Mac OS

## Education:

### University of Waterloo

*Candidate for Bachelor of Computer Science*

Honours Computer Science (Co-Operative Program)

French Minor, Business Option

Waterloo, Ontario

September 2013 - Spring 2018

## Experience:

### Web Developer

Mississauga, Ontario

*Independent Electricity System Operator*

September - December 2015

HTML, CSS, JavaScript, PHP, VBScript, RESTful API, SQL

- Designed and implemented templates within Drupal to be used for company events
- Optimized web page performance by 40 % by constructing tables from retrieved dynamic data using the w2ui and Highcharts libraries to improve website usability and features
- Implemented scripts to automate the population of XML files
- Developed an alert system for report scheduling in PHP while using RESTful APIs

### Software Support Analyst

Burlington, Ontario

*BueSun Inc.*

January - May 2015

Java, SQL, JavaScript, Eclipse

- Translated the Insurance and Investment software by implementing a series of Java programs that changed multiple .asp and .js files which allowed the software to have a bilingual option
- Created stored procedures on SQL to create and fix customized reports accessible by clients
- Trained and gave a presentation in French to clients in Montreal on the usage of the Insurance and Investment software

## Projects:

### MIPS Compiler - C++

- Designed and implemented a compiler that translated a subset of C to MIPS assembly
- Optimized compiler by using dead code elimination, constant-propagation and inlining techniques.

### BB7K Monopoly Game - C++

- Designed and implemented a virtual monopoly game using Object Oriented Programming concepts
- The game had various commands and also had the option to play against computer players

### Whack-a-Mole-Gameee - ActionScript

- Designed and implemented a virtual monopoly game using Object Oriented Programming concepts

### Pedicure at Home Website - HTML, CSS, JavaScript, Bootstrap

- First individual and independent project which will be accessible, once completed, by all Pedicure at Home clients
- Through HTML and CSS implementation, the targeted clientele will be able to access contact and service information through a user friendly environment

## Activities and Interests:

- Fluent in Spanish and French with the aspiration to learn many more.
- Playing badminton, camping, walking dog, going to the gym, reading, watching movies and playing cards