

# Aida Zuniga

4A COMPUTER SCIENCE

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## Skills

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**Languages** Python, Java, Ruby, C++, Javascript, HTML, CSS, C#, PHP  
**Tools** Git, Linux, MATLAB, Eclipse, SharePoint, JIRA, IBM WebSphere,  $\text{\LaTeX}$   
**Frameworks** React Redux, Ruby on Rails, AngularJS, Node.JS  
**Data** MySql, SQLite

## Experience

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### Software Engineer

WEDDINGWIRE INC.

*New York, NY*

*Jan 2017 - Apr 2017*

- Designed and developed features using Ruby on Rails, Javascript and RESTful services to drive user productivity, improve the user sign up flow and stimulate product purchase
- Refactored client interfaces in React to improve responsiveness, reduce load time by up to **30%** and increase accessibility
- Designed internal operations tools to facilitate feature control and provide visualization on product effectiveness metrics

### Software Developer

UNIVERSITY HEALTH NETWORK

*Toronto, ON*

*May 2016 - Aug 2016*

- Initiated a graphical user interface project from scratch to aggregate internal tools that improved the data analysis by **70%**
- Abstracted the planning process by creating a widget that detects dynamic user data to improve treatment analysis
- Designed and developed a script launcher that optimized user effectiveness and reduced error through an automated validation of scripts

### Web Developer

INDEPENDENT ELECTRICITY SYSTEM OPERATOR

*Mississauga, ON*

*Sep 2015 - Dec 2015*

- Optimized web page performance by **40%** by constructing tables from retrieved dynamic data using the w2ui and High-charts libraries to improve website usability and features
- Developed an alert system for report scheduling in PHP while using RESTful APIs
- Designed and implemented web templates to facilitate user page creation and customization

### Software Support Analyst

BLUESUN INC.

*Burlington, ON*

*Jan 2015 - Apr 2015*

- Implemented a Java solution that refactored program files to allow for a bilingual interface mechanism
- Developed an automated string matching program to facilitate web page translation for the new bilingual option

## Projects

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### Tetris

JAVA

- Recreation of Tetris with features such as collision detection, mouse and keyboard event handlers and timer animation.

### MIPS Compiler

C++, MIPS

- Implemented a compiler and optimized with using dead code elimination, constant-propagation and inlining techniques.

## Education

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### University of Waterloo

BACHELOR OF COMPUTER SCIENCE

*Expected 2018*

- Coursework: Algorithms, Data Structures, Object Oriented Programming, Operating Systems, Distributed Systems

## Interests

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- Movies, Badminton, Board Games (Catan), Reading, Laughing, Photography