

# Jason Zukewich

1B Software Engineering — University of Waterloo

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github.com/jgzuke  
jzukewich.me

## Skills

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**Languages:** Java (Android), C, C++, HTML, CSS, JavaScript, PHP, Python

**Tools:** Github, MySQL, Bootstrap, jQuery, Google App Engine, Google Cloud Messaging, CloudSQL

## Projects - view at [jzukewich.me](http://jzukewich.me)

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### 3D Viewer - Java, Android

- Draws sets of connected 3D points, player moves and jumps, and looks around by rotating phone
- Uses linear algebra concepts to calculate coordinates to draw, and find points relative to view

### Android Game - Java, Android

- User controls player, who fights enemies, explores areas, and collects items. Saves and loads data
- AI uses searching and pathing algorithms, guesses players movement, detects and dodges harm

### Notifications Manager - Java, Android

- User sets which notifications vibrate or ring their phone and at what times of day that rule is active
- Listens for incoming texts/calls, loads saved data for that program/contact/time and executes action

### Find Me - PHP, Cloud SQL, HTML/CSS

- User creates searchable item lists with changeable location tags, lists are shared via email
- Sets up item and user databases, makes lists accessible from all allowed google accounts

### Personal Website: [jzukewich.me](http://jzukewich.me) - Javascript, HTML/CSS

- Used bootstrap to make personal website from scratch, made image viewer and parallax effects

## Experience

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### Ontario Science Centre — Host

Mar–Sept 2014

- Engaged visitors and explained/demonstrated math and science concepts
- Ensured demonstrations went smoothly, helped visitors resolve any issues easily

### SIPOfoundation — Webmaster, Other

Jan–Sept 2014

- Updated and designed components of website, Eventbrite and social media pages
- Helped with events including SIPOworkshops, and SIPOconference 2014

## Education

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### Candidate for University of Waterloo — Software Engineering

2014–2019 (Expected)

- Engineering ambassador: Represented Waterloo Engineering, helped incoming students
- Engineering Society: Held directorships to organize social events and competitions
- Faculty of Mathematics Entrance Scholarship, Waterloo President's Scholarship

### Ontario Science Centre — Science School (OSCSS)

Jan–July 2014

- 1 of 28 Students accepted to the OSCSS, Euclid Contest: Top 10%, Chem 13 News: Best in School
- TakingITGlobal (500,000+ members) - Worked on templates to help users starting initiatives

### Grimsby Secondary School

Sept 2010–Jan 2014

- Principal's Honours, Avogadro Exam: Best in School
- 390+ volunteer hours: School initiatives, Events, Tutoring learning disorder students 11/12 math