

# Jason Zukewich

Android and Web developer

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## Skills

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- **Languages:** Java (Android), C, C++, HTML, CSS, JavaScript, PHP, Python
- **Tools:** Github, MySQL, JQuery, Bootstrap, Materialize, Google App Engine

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

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- **3D Viewer** - Android
  - Takes sets of connected 3D points and draws them onto a canvas, coded from scratch
  - Walk and jump using screen controls and look around by rotating phone
- **Army Commander** - Android
  - Create and control an army using preset and custom gestures for different formations and actions
  - Enemies work together and form groups to defend themselves. Still under development
- **Notifications Manager** - Android
  - Create sets of ring/vibration settings for different times/days, for example Work: 9-5 Mon-Fri
  - The current active set decides notification actions for certain contacts or groups
- **IntoxicMate** - Android
  - Uses machine learning on contextual data as well as user input to tell when you might be drunk
  - IntoxicMate will then help guide you home, call a cab, or in emergencies call friends/family
- **War of Myths** - Android
  - Explore the world as a mage. Started in grade 6 as a flash game, written for android in grade 11
  - Enemies path and search around obstacles, dodge harm, and guess your movement
- **SwipeD** - Chrome Extension
  - Use the doppler effect to detect hand gestures using your laptops mic and speakers
  - Switches tabs when you swipe left and right, and removes tabs when you swipe up

## Work Experience

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- Enflick - Android Developer** May–Sept 2015
- Coded and released new features that went out to over 50 million users worldwide
  - Thought of, designed, and coded select features from start to finish
- Ontario Science Centre - Host** Mar–Sept 2014
- Engaged visitors and demonstrated math and science concepts, helped resolve visitors issues
- SIPOfoundation - Webmaster, Other** Jan–Sept 2014
- Updated and designed parts of sipofoundation.org, helped run/organize workshops and events

## Education

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- University of Waterloo — Software Engineering** (Candidate for) Sept 2014–2019 (Expected)
- Engineering Director/Ambassador - Organized social events/competitions, represented engineering
  - Faculty of Mathematics Entrance Scholarship, Waterloo President's Scholarship
- Grimsby Secondary / Ontario Science Centre - Science School (OSCSS)** 2010–2014
- 1 of 28 Students accepted to OSCSS, Best in School: Chem 13/Avogadro Exams, Top 10%: Euclid
  - 500+ volunteer hours: School initiatives and events, tutoring learning disorder students