

Jason Zukewich

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github.com/jgzuke
jzukewich.me

Skills

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

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

Programming Projects - found at jzukewich.me

3D Viewer - Java, Android

- Draws sets of connected 3D points, player can move and jump, and look around by rotating phone
- Used 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
- Listened for incoming texts/calls, loaded saved data for that program/contact/time and did action

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

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

Personal Website: jzukewich.me - Javascript, HTML/CSS

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

Work Experience

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

Candidate for University of Waterloo — Software Engineering

2014–2019 (Expected)

- Eng. ambassador - Represented Waterloo Engineering, helped incoming students
- Eng. 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 (TIG) - Worked on tutorials and templates to help users starting TIG initiatives

Grimsby Secondary School

Sept 2010–Jan 2014

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