

Jake Alsemgeest

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Skills and Experience

- Proficient with HTML, CSS, Bootstrap, jQuery, XML and Shell scripting.
- Experienced with PHP, Javascript, Python, Java, C, C#, Objective-C and Swift.
- Practical experience with iOS and Android mobile development.
- Adept at web front-end (UI-elements) and back-end (server, SQL).
- Practical experience code management in large and agile teams, using source control software such as Git, Rational Team Client and IBM CMVC.

Work Experience

IBM (May 2013 - August 2014)

WebSphere Application Server Level 3 Developer

- Received and managed customer tickets with regards to WAS profiles.
- Worked with L2 liaison to gather logs and information from clients to identify issues.
- Identified defects within code and implemented fixes, which required code reviews and extensive testing.
- Introduced features to code database based on collaborative feedback of developers and customers.
- Developed the front-end of company-wide internal developer website based off IBM's v17 standards.

Personal Projects

NightHub (January 2013 - Present)

- Social media application used to meet up with friends at bars/clubs.
- Plan events, find your friends, buy drinks, all through easy to use interface.
- Uses Geo-fencing information to update maps about which venues friends are at.

Ciris (November 2014 - Present)

- Winner of 2015 Microsoft Imagine Cup Project Blueprint Challenge for World Citizenship.
- Ciris is a real-time colour augmentation overlay that allows the colourblind to more clearly see contrasts on their desktop computers and mobile devices.

Reedly (January 2015)

www.github.com/Jalsemgeest/reedly

- Reedly allows you to create a personalized eBook for your favourite e-reader.
- Uses RSS feeds to compile interesting articles into books that are sent directly to your e-reader or email.
- Reedly was built over a 54 hour period for Queen's Startup Summit 2015.

WinkRush (January 2014 - August 2014)

www.discreetinterest.com

- Generated content for user based on IP location with an appealing and functional user experience.
- Allows users to post and comment on messages about possible interests.
- Account management controls included ability to comment, report or block posts and messages.
- Changed available feature sets based on users login status and location.
- jQuery was used to add content to the page in real-time as well as facilitate server calls through AJAX to ensure a dynamic page.

Subsonic Pigeon (May 2012 - Present)

www.subsonicpigeon.com

- User driven web service which manages mass communication to groups through SMS.
- MySQL database stores user messages, custom groups and metrics on usage.
- Replies were returned to database and displayed to the app user via AJAX calls.

Education

Queen's University

Software Development Undergraduate Candidate (Bachelor of Computing Honours)

Class of 2015