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Victor Vucicevich

Java / Android Developer

University of Waterloo
Systems Design Engineering, 2016

Summary

Android

- Deep knowledge of fundamental Android development practices, from UI to memory management, SQLite and working with REST services.
- Knowledge of activity & fragment cycles, application lifecycle, services, multithreading, location services, NFC, analytics integration (Google Analytics, Mixpanel), WiFi direct, Cloud Messaging, Google Maps, UI integration, and internationalisation.

General

- Fan of test-driven development, with unit, integration, and UI tests.
- Endless usage of version control such as git, with use of submodules.
- Basic knowledge of Ruby, RSpec testing, and CI scripting for Jenkins.
- Reasonable knowledge of HTML/CSS + Javascript, node.js, etc.
- Passionate about interface design and proper user experiences.

Experience

Software Engineering Intern
Jan-Apr 2014

Lookout Security, San Francisco, California
- Contributed to all levels of Android stack from front-end UI styling to back-end SQLite work.
- Worked on optimizing the Lookout Mobile Security for Android app, bringing all libraries up to date, cutting down method counts, and reducing duplicate code.
- Wrote test-driven code using jUnit, Mockito, and Robotium.

Mobile Application Developer
May–Aug 2013

Kik Interactive, Waterloo, Ontario
- Worked as one of only two Android developers on Kik Messenger, with over 90 million users.
- Designed billing plugin which allows third party developers to sell items from within the Kik app, enabling a secure revenue stream for the company
- Pushed production level code and implemented many new features such as stickers.

Mobile Application Developer
Sept-Dec 2012

Rebellion Media, Waterloo, Ontario
- Completely redesigned older applications, bringing the UI up to date with the latest Android UI standards, and moved from activities to fragments.
- Fully responsible for 5 Android applications that were released on the Play Store.
- These applications can be seen at: mobilemom.com/apps-on-google-play/

Software Developer Intern
Jan-Apr 2012

Communitech Apps Factory, Kitchener, Ontario
- Created prototype applications for entrepreneurs with startup and application ideas.
- Worked in an agile environment to release weekly application builds to clients.

Personal Projects

Hack the North
Waterloo ON, October 2013 - Present
Founded a group to create Canada's biggest hackathon in the major league circuit and bring it to Waterloo. Responsible for sponsorship, relations, and operations.
http://hackthenorth.com/

LunchRoulette
HackTech, Santa Monica CA, February 2014
Designed and developed an Android app to match users with others to have lunch with based on shared interests, friends, and location.
http://goo.gl/9y8wpX

Renewable Enegy Explorer
NASA Spaceapps, Toronto ON, May 2013
Built a webapp which takes a given location and shows possibilities for most profitable energy use in that area. Converted genetic algorithms from MATLab into JS.
https://github.com/nasaspaceapps/rex

Promises
hackMIT, Cambrige MA, October 2013
Created a java library which allows for asynchronous callbacks as an object. Used in the Kik messenger application.
https://github.com/vicv/promises