CASEY McLEWIN

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Skills Summary

Proficient in **Swift/Objective-C, Python and C++**
Experience with **Java**, **JavaScript (Node.js, Express)**, **HTML/CSS**, **SQL**

Work Experience

Yahoo! Inc – Polyvore Labs, Software Engineering, May - August 2017
· Added screenshot/photo sharing experience for the iOS app **Cabana** by creating new inter-device signals, optimizing image uploading/downloading and writing new features from scratch.
· Made video and user synchronization for a better user experience by writing views made to handle many sizes and use cases.

LCBO|next – Solutions Developer, September – December 2016
· Built a web mapping interface to be used to locate LCBOs around a user's or specified location using Leaflet.js.
· Built the front and backend of an LCBO Consultant locator iOS app by using beacon technology, trilateration, Node.js and mySQL.
· Built the front and backend of a product scanner iOS app for product information and store location by integrating 3rd party hardware and using Node.js/mySQL.

IBM – BI Technical Analyst, September 2014 – April 2015
· Optimized functionality of Cognos running on older hardware by getting a deep understanding of networking and database querying.
· Identified many critical bugs by creating test plans and testing edge cases.

National Research Council – Research Assistant, January – April 2014
· Built a time trial estimating tool for iOS from ground up for Team Canada by self teaching Objective-C and applying numerical computation.

Nakina Systems, Product Verification, May – August 2013
· Discovered bugs and critical system faults by running Java testing tools and thorough analysis of large code base.

Projects

DotA2 Assistant, <u>github</u>   CoreData, Large Data Handling, Multithreading
Super Notes (with Sync), <u>Apple App Store</u>   CoreData, iCloud, UIKit
Swipy Cow, <u>Apple App Store</u>   SpriteKit, GameCenter
Wing Night, <u>Apple App Store</u>   CloudKit, CoreData, CoreLocation, UIKit.
Python web scrapers, <u>github</u>   Selenium, BeautifulSoup.

Education

Candidate for Bachelor of Software Engineering, cooperative program, University of Waterloo, Waterloo, ON, May 2016 – Present
Candidate for Bachelor of Nanotechnology Engineering, cooperative program, University of Waterloo, Waterloo, ON, September 2012 – August 2015