

# Casey McLewin

Software Developer

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linkedin.com/casey-mclewin in

github.com/uti0mnia 🐙

## TECHNOLOGIES WORK

Swift/Objective-C

iOS

C++

Python

Java

JavaScript

Node.js

SQL

**YAHOO!**

Tanda Mobile Developer – Yahoo! Polyvore Labs

Cabana Mobile Developer – Yahoo! Polyvore Labs

- Built the screenshot detection and photo sharing feature for Cabana iOS app.
- Implemented video overlay for user synchronization for a better user experience.

Sunnyvale, CA 🌐

Jan 2018 – Present 📅

May 2017 – Aug 2017 📅

**LCBO|next**

Solutions Developer – LCBO|next

- Tech lead on an in store consultant locator iOS app using beacons and trilateration to locate consultants.
- Architected and developed a scanner iOS app used for product information and saving in store location data to be used for wayfinding.

Waterloo, ON 🌐

Sep 2016 – Dec 2016 📅

## INTERESTS

Fitness

Tech

Outdoors

Sports

**IBM**

Software Engineer, Business Analytics – IBM

- Optimized Cognos functionality on older hardware by optimizing distributed systems and SQL queries.

Ottawa, ON 🌐

Sept 2014 – Apr 2015 📅

**NRC-CMRC**

Research Assistant – National Research Council of Canada

- Built a time trial iOS app to estimate time of descent for Team Canada bobsleigh, luge and skeleton.
- Prototyped a time trial algorithm for estimating alpine ski time of descent for certain tracks.

Ottawa, ON 🌐

Jan 2014 – April 2014 📅

**Nakina Systems**

Product Verification

- Created and implemented multiple Java test cases for network security and User Interface.
- Filled bugs and detailed test cases to reproduce issues.

Ottawa, ON 🌐

Jan 2014 – April 2014 📅

## PROJECTS

- Easy Capture: iOS app that uses AVFoundation to capture camera data and uses Metal to render the video output.
- DotA2 Assistant: iOS app using CoreData, multithreading and heavily customized views.
- Super Notes (with Sync): iOS note app that syncs between iCloud accounts.
- Swipy Cow: iOS game using SpriteKit.
- Wing Night: iOS reference app for finding deals around the Waterloo region.

## EDUCATION

University of Waterloo

Bachelor of Software Engineering (BSE)

Waterloo, ON 🌐

May 2016 – Present 📅