

# JASON FLEISCHER

Ottawa, Ontario, Canada

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## SUMMARY

Software engineer and developer with over 10 years of experience. Proficient in many programming languages, such as **Swift, SwiftUI, Objective-C, Java, JavaScript**, and **Kotlin**, with a strong emphasis on agile development.

Formerly trained commercial aircraft pilot and current performing musician with experience in music production. Seeking to leverage software engineering and programming skills to optimize tools and applications that advance technology and benefit users.

## TECHNICAL BACKGROUND

- Expertise in XCode and Android Studio developing Android and iOS platforms applications
- Competent in several programming languages including: Swift, Java, Kotlin, C, C++, Objective-C, C#, Python, SQL, Assembly, QML, SQL and Processing
- Proficient use of shell/bash scripts
- Web Development skills: JavaScript, HTML, JSON, CSS, NodeJS, NPM
- GUI frameworks: Qt, SwiftUI
- Continuous Integration (CI) and sub-versioning experience with Git and SVN
- In-depth knowledge of Linux, Mac and Windows operating systems
- Use of Google Docs, Slack, JIRA and Workfront
- Knowledge of architectural pattern such as MVVM, VIPER, MVC
- Database skills: SQL, MongoDB, Core Data (Apple)
- Developed critical thinking, problem solving, and analysis skills through my countless hours of computer programming

## EXPERIENCE

### Founder and Software Developer: TAURUS STUDIOS

Ottawa ON, Canada | Start Date: Mar 2024 | End Date: Present

- Developer for several software applications for iOS, mac OS, VisionOS, WatchOS and Android platforms.
- Programming languages: Swift, Objective-C, SwiftUI, Kotlin

### Lead Software Engineer: ANYTUNE

Ottawa ON, Canada | Start Date: Mar 2020 | End Date: Apr 2024

- Lead developer for the Anytune music software applications for iOS and mac OS platforms, and supporting developer for Android
- Programming languages: Swift, Objective-C, SwiftUI, Kotlin
- Led the optimization of software architecture and program interfaces: Revamping old legacy code using MVVM and dependency injection
- Automated product release process with XCode Cloud
- Designed custom widgets for application components and UI controls
- Established processes to optimize development and clean code
- Created a service for MIDI interop communication
- Document management and syncing for cloud-stored data
- Extensive collaboration with product management for execution of product requirements

### Software Developer: PARADIGM ELECTRONICS

Ottawa ON, Canada | Start Date: Feb 2017 | End Date: Mar 2020

- Developed applications for iOS and Android platforms, and mac and Windows OS with Qt
- Projects included: Mobile apps to remotely control subwoofer parameters, Automatic Room Correction app for mobile and desktop, & Website Development: Customization tools for audio equipment configuration such as pre-amps, speakers and subwoofers

### **Android Developer: THE HOTEL COMMUNICATION NETWORK INC.**

Ottawa ON, Canada | Start Date: May 2014 | End Date: Feb 2017

- Developed an Android tablet-oriented program with the use of Android Studio, ADB, GitHub, Gimp, Flask, nginx and CouchDB
- Start-up experience with a small-team
- Shell scripting, server and database experience

### **Business Process Manager Developer: THE OTTAWA HOSPITAL**

Ottawa ON, Canada | Start Date: May 2013 | End Date: Sept 2013

- Developed automated clinical process programs with IBM's Business Process Manager (BPM). Involved parsing XMLs, using web-services, creating SQL stored procedures and coding in HTML/JS/CSS

### **Mobile and Web Developer: PUBLIC WORKS AND GOVERNMENT SERVICES**

Gatineau QC, Canada | Start Date: May 2012 | End Date: Dec 2012

- Developed mobile applications within the Canadian government for Blackberry and Android platforms
- Web development with the .Net Framework for various websites

### **Aircraft Dispatch & Ground Handling: TRANSWEST AIR**

Wollaston Lake SK, Canada & Lynn Lake MB, Canada | Start Date: 2007 | End Date: 2009

- Management of dispatching and ground handling of Transwest Air aircraft fleet in northern Canada

## **EDUCATION**

### **Bachelor of Computer Science: CARLETON UNIVERSITY**

Ottawa ON, Canada | Class of 2015

- Graduated January 2015. Program included corporate work experience with specialization in Mobile & Social Networking Applications
- Entrance scholarship, numerous awards and bursaries

### **Pilot Certificates: ALGONQUIN FLIGHT SCHOOL**

North Bay ON, Canada & Sault Ste. Marie ON, Canada | Class of 2007

- Commercial, Multi-Engine, Instrument, Night & Seaplane Certificates
- 260 hours total flight time
- Completed aviation flight and ground school with exceptional grades

## **OTHER**

- Personal Developer website: <http://jasonfleischer.github.io/website/>
- GitHub repository: <https://github.com/jasonfleischer>
- Apple App Store: <https://apps.apple.com/mz/developer/jason-fleischer/id1718340766>
- Music software music applications: <https://jasonfleischer.github.io/music-apps/>
- Anytune reference letter: <https://jasonfleischer.github.io/website/doc/Anytune-JasonFleischer-ReferenceLetter.pdf>
- Musician: Guitar, vocals, piano and drums. Recreational music production with various DAWs
- 200HR Vinyasa Yoga Teaching Training AYO, March 2025 Graduate
- Canadian citizen