


# TIEDA WEI

 <https://tiedawei.com>

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 [/weitieda](https://github.com/weitieda)

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## SUMMARY

- Experienced and extremely passionate in Apple platform development
- Proficient in **Swift**; familiar with **Java**, **JavaScript**, **Python**

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## WORK EXPERIENCE

- LiveBarn Inc.** **Montreal**  
iOS Developer Jun. 2019 - Present
- Responsible for development of LiveBarn app (video streaming, TOP 100 in Sports on App Store)
  - Decreased server cost by 90% by optimizing network requests; increased crash-free users rate from 89% to 99.5%; rolled out new design for version 2.0
  - Built LiveBarn tvOS app with shared module from iOS/iPadOS, integrated SwiftUI
- SBX Technologies Inc.** **Montreal**  
Mobile Developer Oct. 2018 - Jun. 2019
- Designed and developed a brand-new iOS app independently with Salesforce Mobile SDK, including OAuth, managing concurrent operations with GCD, Auto Layout programmatically
  - Integrated Google Map and Push Notification on a React Native project

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## PROJECTS

- Light Menu (CoreData + Firestore + Django + PostgreSQL)**  
An iPad app that helps restaurant to manage clients and orders
- Auto Layout UI programmatically, including CollectionView, Animation and Gesture Recognizer
  - Print client's order via a thermal receipt printer wirelessly(via socket)
  - Integrated Google Cloud Firestore to create and search customer address then show on Map
  - Built a website and back-end server with Django and cloud PostgreSQL database, deployed on Heroku; Integrated with Authentication which allows admin to CRUD menu data; Web API integrated
- Restaurant Mobile Order Solution (Push Notification + Node.js)**  
Simplified UberEats-like app, including a client-side app and a restaurant-side app. Both sides will receive Notification when order status changes.
- Integrated Push Notification feature via Firebase Cloud Messaging
  - Deployed two Cloud Function to monitor data(order status) change, written in Node.js
  - Customized nested UICollectionView, Auto Layout programmatically
- Open Source: Bottom Sheet (SwiftUI, 200+ stars on GitHub)**  
A SwiftUI component which slides in from bottom of screen
- Implemented with DragGesture, Animation, GeometryReader with configurable API

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## EDUCATION

- John Abbott College** **Montreal**  
Mobile Application Development, AEC 2018
- Honour Roll of John Abbott College with average score: 94%