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HongHao Zhang

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SUMMARY

Experienced and extremely passionate in iOS development, has been coding in Swift since it's released and used it for recent projects including macOS and server-side projects.

SKILLS & EXPERTISE

Proficient: Swift, Objective-C.

Familiar: Ruby, Python, JavaScript, HTML, CSS, C/C++, SQL, etc.

WORK EXPERIENCES

Facebook - Software Engineer

Menlo Park, CA, USA

Oct 2017 - Present

- Joined Instagram Media Infra team.
- Rolled out a new media processing and uploading system in the Instagram iOS app.

theScore - iOS Developer

Toronto, ON, Canada

Jun 2015 - Jul 2017

- Rolled out the new design for esports 2.0 and theScore 6.0.
- Implemented common iOS UI components in Swift 2.0-3.0 and Objective-C.

Wattpad - iOS Developer (Intern)

Toronto, ON, Canada

Aug - Dec 2014

- Supported Design update for iOS 8 and native resolution support for iPhone 6/6 Plus.
- Created an editor keyboard accessory view with Auto Layout and Core Graphics.

PROJECTS

Open Source Libraries

Jan 2014 - Present

- ChouTi (抽屉) - a Swift framework has iOS UI components, common data structures and extensions.
- Ji (戟) - an XML/HTML parser for Swift.
- Swift Google Maps API - a Swift wrapper on Google Maps Web Services APIs, provide native data models.
- and more...

Applications

- InstaTip (iOS, RxSwift) Jul-Aug 2019
 - an iOS app for tip calculation with receipt text recognition. Built with RxSwift.
- US Visa AP Tracker (Web, Vue.js, Swift) Feb 2019
 - a website for getting the latest stats of US Visa AP status. Built with Vapor.
- Symbolic Linker (macOS, Swift) Sep - Oct 2018
 - a macOS GUI utility for creating symbolic links.
- 2048X AI (iOS, Swift) Feb - Apr 2015
 - an iOS app for seeing AI playing 2048 game with 4 different algorithms.
- UW Info Session (iOS, Objective-C, Python) Feb - May 2014
 - a full stack app (iOS and backend API) for students to query UWaterloo employer info sessions.
- and more...

EDUCATION

University of Waterloo

Waterloo, ON, Canada

Sep 2013 - Jun 2015

- Master of Engineering, Major in Electrical and Computer Engineering.

Southeast University

Nanjing, China

Sep 2008 - Jun 2012

- Bachelor of Engineering Degree, Major in Electrical Engineering & Its Automation.