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HongHao Zhang

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SUMMARY

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

SKILLS & EXPERTISE

Proficient: Swift, Objective-C

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

WORK EXPERIENCES

Robinhood - Senior Software Engineer

Menlo Park, CA, US

Feb 2020 - Now

- Led iOS customer voice support.
- Created various iOS infra tools, Unit & UI testing frameworks, code generations, etc.

Facebook - Senior Software Engineer

Menlo Park, CA, US

Oct 2017 - Feb 2020

- Implemented the Buck iOS code modularization at Instagram Media Infra team.
- Led a new media processing & uploading coordination framework 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 iOS apps.
- Implemented various iOS design system UI components in Swift 2.0-3.0

Wattpad - iOS Developer (Intern)

Toronto, ON, Canada

Aug - Dec 2014

- Created the editor keyboard accessory view with Auto Layout and Core Graphics.

PROJECTS

Applications

- Noto (iOS/macOS) Apr 2019 - Feb 2020
 - A modern writing app with beautiful design & delightful interactions.
- Indie Apps
 - Git Streaks (macOS) - GitHub contribution squares in menubar. Aug 2020
 - Robinhoodie (macOS) - Mac app for tracking Robinhood portfolios. Jan - Dec 2020
 - InstaTip (iOS, RxSwift) - Tip calculator with check image recognition. Jul - Aug 2019
 - 2048 AI (iOS) - Game 2048 with AI support. Feb - Apr 2015
 - US Visa AP Tracker (Web, Vue.js, Swift Vapor) - Tracking/Analyzing the Visa AP status. Feb 2019
 - Symbolic Linker (macOS) - A utility app for creating symbolic links. Sep - Oct 2018

Open Source Libraries

- ChouTi (抽屉) - a Swift framework for iOS/macOS 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.

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.