

William Zhou

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NZ residency

iOS Developer. Good knowledge of Node.js, C#, WebGL, CI and Unity. Keen programmer in free time.

Skills

- iOS (Objective-C & Swift)
 - Build Automation (CircleCI, Jenkins, bash scripting, Node.js)
 - Node.js, javascript, coffee script, WebGL
 - .NET, C#, SQL Server
 - UI automation (KIF, Specflow, Appium)
 - Git, Tfs, SourceTree, Gitflow
 - WebGL (THREE.js)
 - Unity
 - Rails, postgres
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Work History

WearIt

(June 2016 - ongoing)

Lead iOS Developer

WearIt is a platform for guys to get styling recommendations from stylists.

Responsibilities

- Lead developer involved in key projects
- Maintain continuous integration
- Monitor crashlytics
- Manage provisioning profiles and App store releases
- Extend Rails server and make fixes when needed

- Forked and repurposed several 3rd party libraries

Vista Entertainment Solutions

(March 2012 - June 2016)

iOS developer

Vista creates ticketing and management software for cinemas in over 40 countries, including Events and Hoyts.

Responsibilities and Achievements:

- Lead developer involved in key projects
- Drove improvement with build automation, set up continuous integration for iOS
- Mentored and peer programmed with junior/intern iOS developers, sharing knowledge of existing code architecture and common iOS pitfalls
- Leveraging open source tools, developed a process to generate code documentations
- Implemented UI Automation for Android and iOS using Specflow / Appium
- Developed a Node.js internal tool to brand the ticketing app, replacing existing manual process
- Introduced Crashlytics to the app, automated with CI
- Runner-up with a colleague in Vista's Innovation Cup. Our entry was a web app for the end-to-end generation of branded builds for account managers. Built using Rails and Node.js

Apps:

Wearit

<https://itunes.apple.com/nz/app/wearit-guys-get-styled-girls/id1135291501?mt=8>

- Social app for guys to get styling recommendations from stylists
- supports iMessage extension, send looks / products through messenger
- App link / Universal link integration
- Real time messaging using socket & push notifications
- Browse products by category, prices, brands, colors etc
- Interactive look builder for stylists

UsherPoint

<https://itunes.apple.com/nz/app/vista-usherpoint/id642694108>

- Crowd control for cinemas
- External barcode scanner integration

- View session times
- Mark seats as broken

InTouch

<https://itunes.apple.com/nz/app/vista-intouch/id642693317>

- App for cinema managers
- Real time messaging with cinema staff
- Location check using barcodes

MobileCinema

<https://itunes.apple.com/nz/app/vista-mobile/id882981768>

- Ticketing app for cinema goers.
- Passbook integration
- WeChat / AliPay integration
- Apple Pay integration
- Rebrand and used by 20 cinema chains
- Built node tool to automate rebranding

Star Map

<http://hellowinapps.com/app/sky-map/73b44797-85e2-4161-bfbb-a5efcbcbbc58>

- Star gazing app
 - Over 13,000 stars
 - 88 Constellations
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Education

University of Auckland (2008 - 2012)

Bachelor's Degree, Information Systems

Projects

- iOSDribble
A collection of custom UI controls
<https://github.com/will3/iOSDribble>

- TradeMe
Trade me clone
<https://github.com/will3/TradeMe>
 - Voskel
Pixel art editor
<http://voskel.herokuapp.com>
 - Little Planet
Procedural planet generator
<https://will3.github.io/little-planet/>
 - Meow
Cat game
<https://github.com/nychinn/meow>
 - Node modules
<https://www.npmjs.com/~will3>
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References available upon request