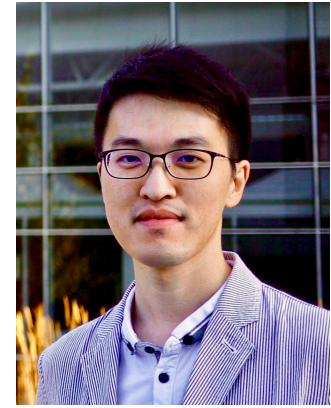


# Eric Hsu

許庭耀

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-  
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[linkedin.com/in/tingyaohsu](https://linkedin.com/in/tingyaohsu)  
[github.com/erichsu](https://github.com/erichsu)



## Profile

I'm now mainly mobile iOS App developer at Snapask.

iOS Developer and Lead at KKday since 2017 to 2020.

Full-stack engineer, and DevOps at TutorABC since 2015 to 2017.

Software Engineer at TrendMicro since 2010 to 2015.

Also a part-time freelancer for various mobile app solution, such as IoT, Gaming, SocialMedia, and etc.

Over 7 years mobile application development experience.

Familiar with

- iOS ObjC/Swift - RxSwift MVVM
- Android Java - RxJava MVP
- Javascript - NodeJS ExpressJS / MongoDB / ReactJS

Skilled on e-Commerce / live streaming / social media related mobile solution.

I am passionate about to build up solution from scratch, including prototyping, testing, and CI/CD.

## Experience

### iOS Developer, Snapask ( Nov 2020 - Present )

iOS developer of 2 products - Hiragana Times, MasterIn

- Payment integration: Stripe credit cards / In-app purchase
- App Clips
- Event tracking: Mixpanel / Matomo / Firebase

Self-host DroneCI, JIRA / Confluence administrator

### iOS Developer, KKday ( June 2017 - Oct 2020 )

iOS developer & iOS lead

CRM VoIP maintainer

JIRA / Confluence administrator

### Senior Specialist, TutorABC ( Feb 2015-April 2017 )

Android App / Google Glass App developer

iOS Streaming SDK developer

Full-stack developer & DevOps for WebRTC service

### Senior Engineer, TrendMicro ( Sep 2010 - Jan 2015 )

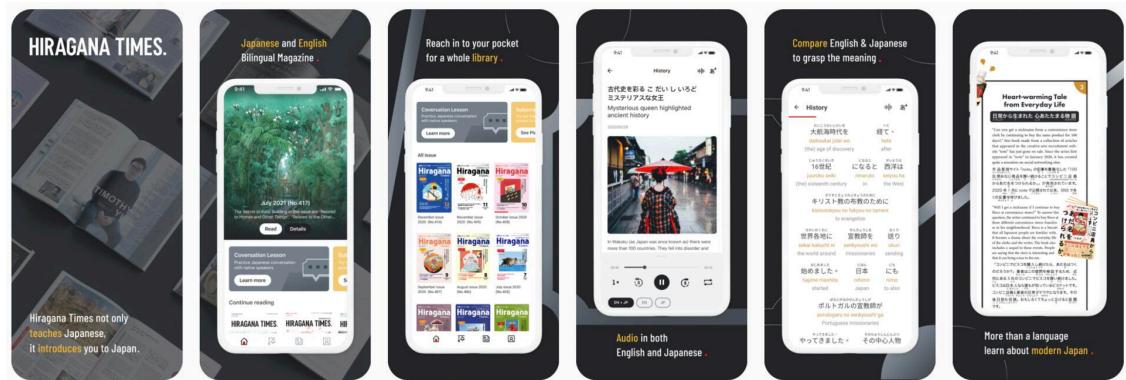
iOS IAP / Malware detection module / Parental Control / Lost device prevention

Windows software maintenance: PC-cillin 2012/ Internet security 2013 for NTT

# Projects

## Snapask

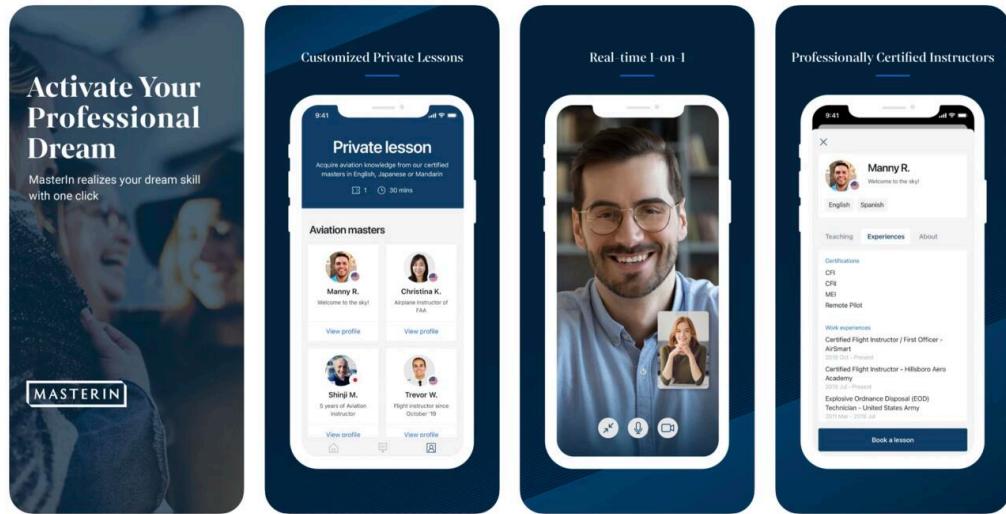
### HiraganaTimes iOS App



<https://apps.apple.com/us/app/hiraganataimuzu/id729245159>

- Online payment integration
- App clips
- eBook PDF offline reading
- Event tracking
- Deep-linking
- Social sharing article and comments

### MasterIn iOS App

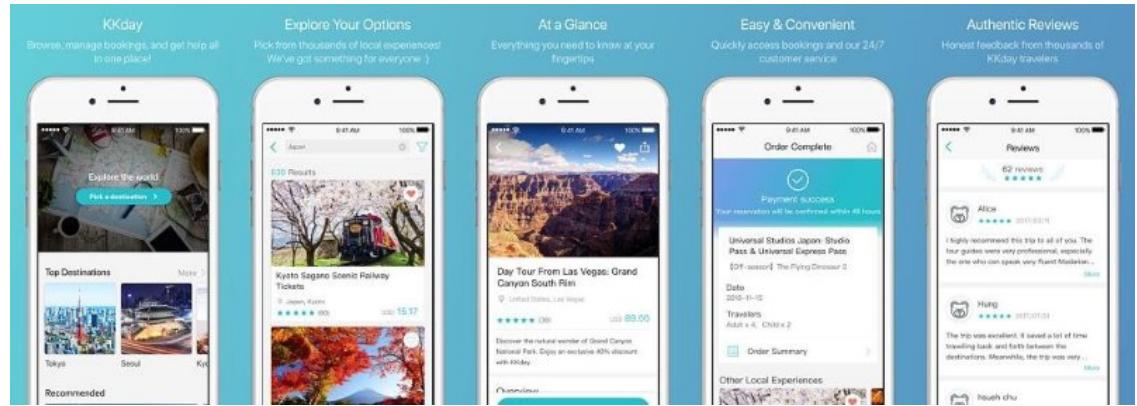


<https://apps.apple.com/tw/app/masterin/id1533618912>

- Stripe payment integration with credit cards
- Zoom live session room integration
- App event tracking
- App deep-linking
- Multimedia material download

# KKday

## KKday iOS App



<https://apps.apple.com/us/app/kkday-tours-activities/id1248267356>

- App online payment integration
- App live chat for customer service
- App VoIP for customer service
- App AppleWallet QRPass integration
- App event tracking
- App Ad ROI tracking
- App deep-linking
- App A/B testing

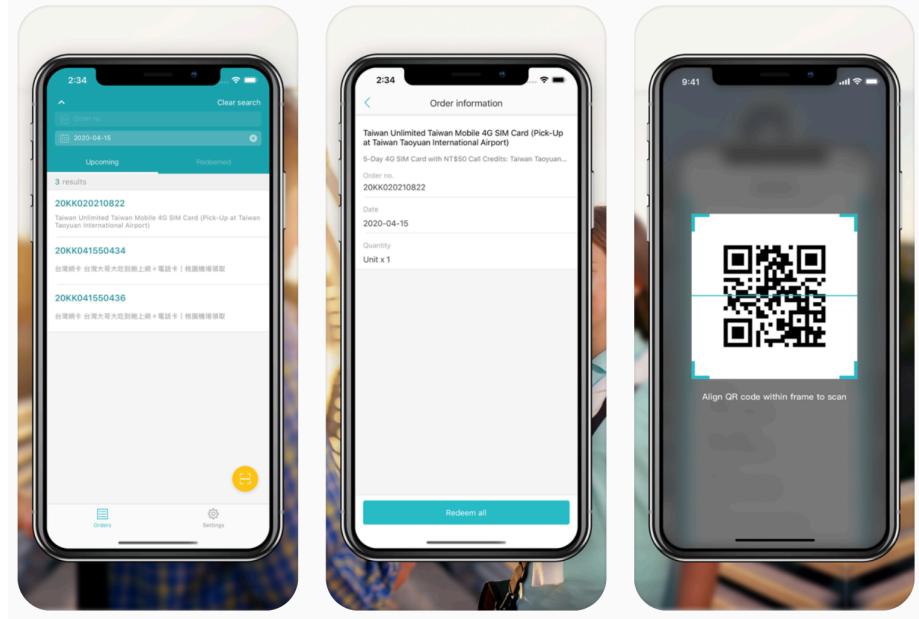
## KKday Travel Guide iOS App (a.k.a Travel Monster)



<https://apps.apple.com/us/app/kkday-guide/id1227613054?l=zh&ls=1>

- App implementation
- Firebase Realtime DB integration
- Rich Text note
- Deep-link integration
- FCM notification

## KKday Supplier iOS App



<https://apps.apple.com/th/app/kkday-scanner/id1375843704>

- E-Voucher QR code scanner and audit

- Supplier order info

TutorABC

TutorGlass



A whole new way for English education with Google Glass.

Concept video: <https://www.youtube.com/watch?v=e1Zsy6AhjZU>

DCGS - Dynamic Class Generation System

TutorABC core algorithm project.

Ref: Patent - CN 102254462 A (楊正大)

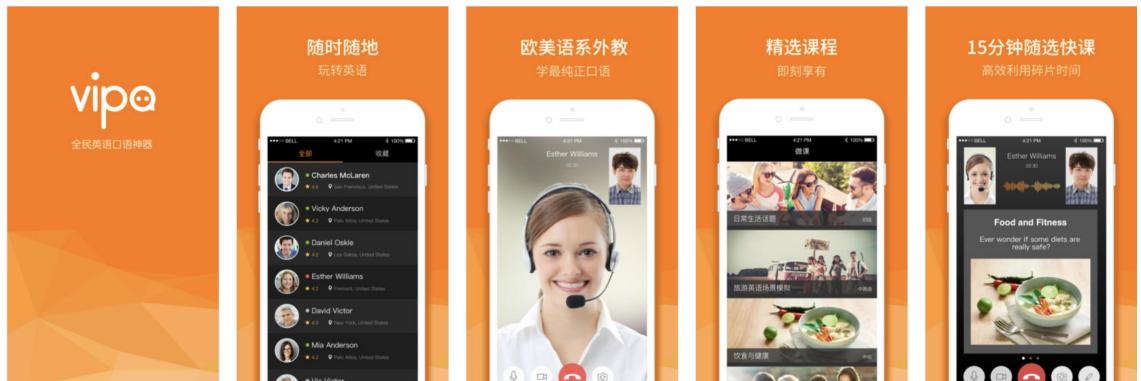
<https://www.google.com/patents/CN102254462A?cl=zh>

TutorMobile iOS App for iPad



- IM chat room and real time whiteboard session
- RTMP live streaming and video player
- Customizable UI library in private Cocoapods repo

## Instant Demo iOS App



## HTML5 Live Streaming

The screenshot shows a live video feed on the left and a promotional image for a book on the right. The book cover features the title 'SOCIAL INNOVATION' and '创新的创新' (Innovate Innovation) by Huang Jun, Wang Wei, and Zeng Taiwei.

## NPA165 (Android)

Developing for CI build script, UI layout, JNI C library integration, Unit test.



## Mobile Security (iOS)

ref: <https://itunes.apple.com/us/app/trend-micro-mobile-security/id630442428?ls=1&mt=8>

Developing for Licensing module, L10n support, CI build script, UI layout, Logging module, App malware scan module, Cloud scan engine integration.



## Mobile Security (Android)

ref: <https://play.google.com/store/apps/details?id=com.trendmicro.tmmspersonal>

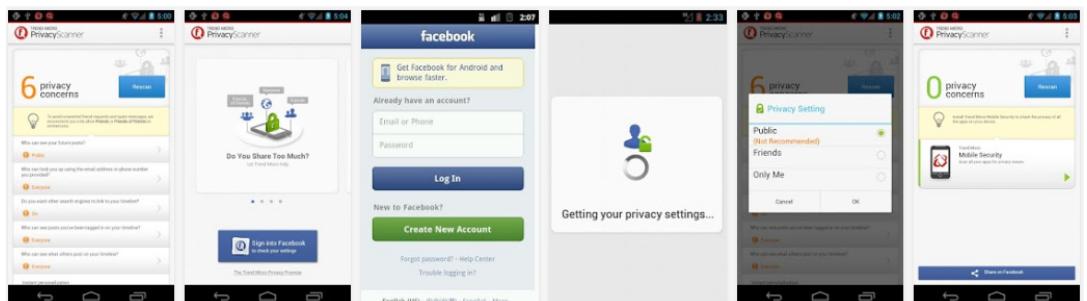
Developing for Licensing module, L10n support, and automation testing.



## Facebook Privacy Scanner

ref: <https://play.google.com/store/apps/details?id=com.trendmicro.socialprivacyscanner>

Developing for UI Layout, ActiveUpdate module, and Licensing module.



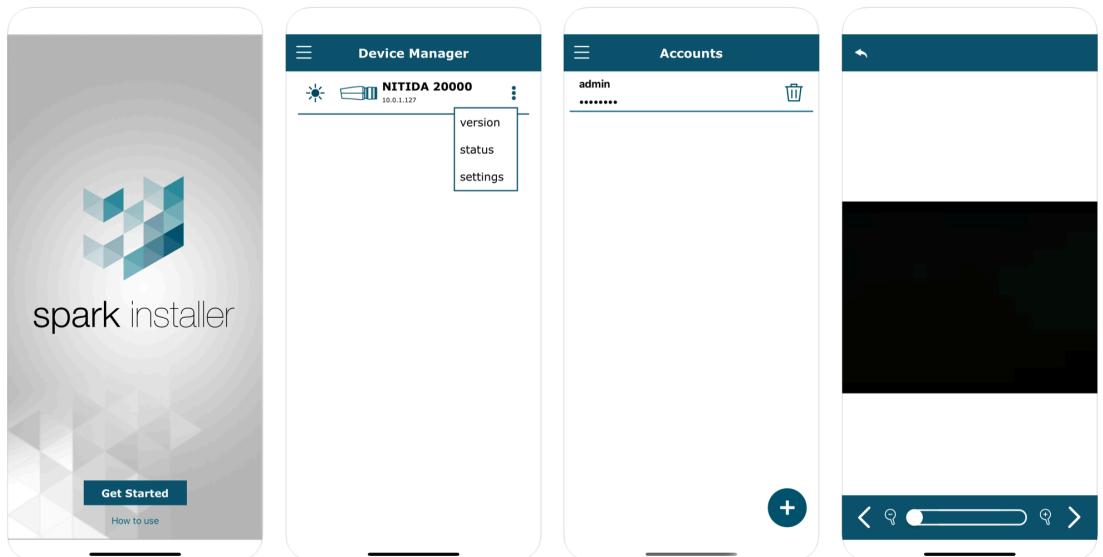
## GO! POLAR BEARS!



**Go! Polar Bears!** is a game which performs the beauty of data and engages an user with interacting.

<https://2018.spaceappschallenge.org/challenges/icy-glare/recycle-polar-opposites/teams/light-wonder/project>  
Unity Game with WebGL

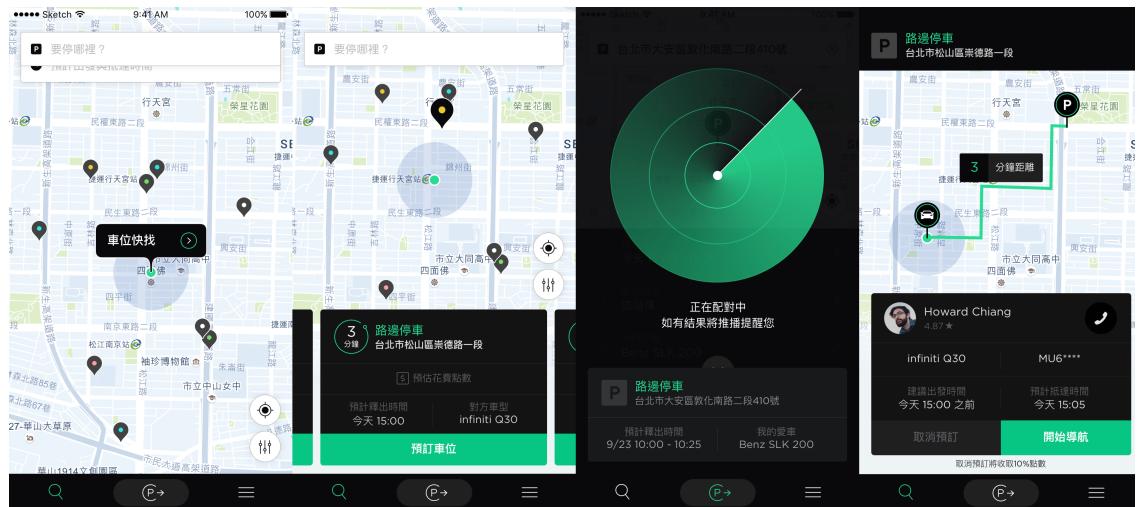
## Spark Installer 2.0 iOS App - IP Cam Device Installer



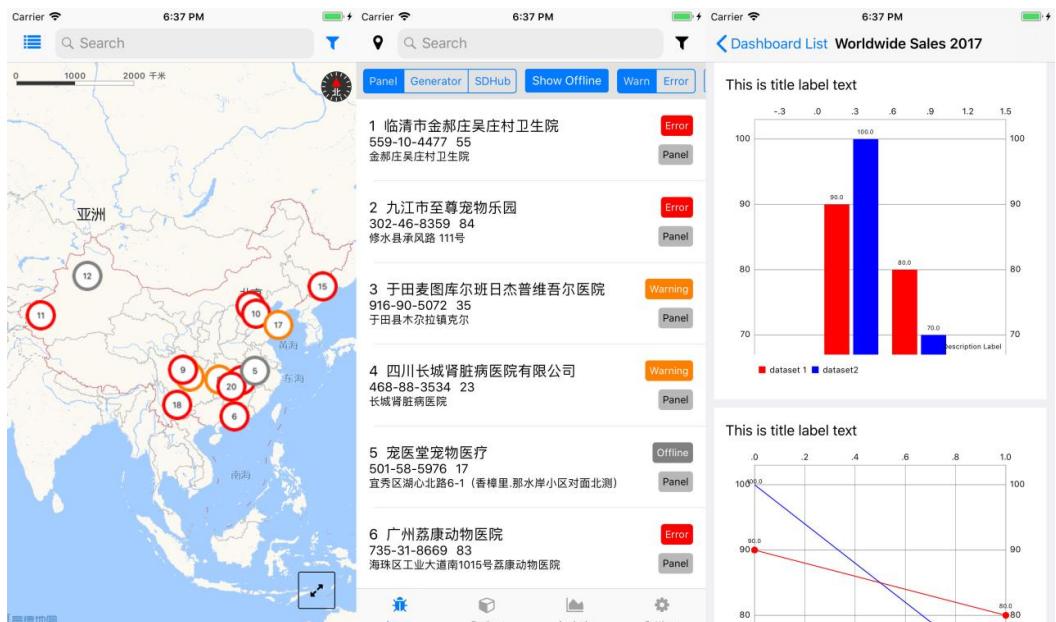
<https://apps.apple.com/us/app/spark-installer/id1435252893>

- Update video player
- Support more vendor devices protocol
- new APIs integrations

## HowWaze - Parking space sharing



## SlymBridge iOS App



<https://apps.apple.com/us/app/slymbridge/id1219791120>  
Bluetooth setup and report reader for SurreyLabs IoT devices

## MyBigDay Wedding Management - Android App

ref: <https://play.google.com/store/apps/details?id=tw.fugood.mybigday>  
Developing for UI Layout, Restful API integration, and all the feature sets.



## MyBigDay Wedding Banquet for Guest - Android App

ref: <https://play.google.com/store/apps/details?id=tw.fugood.mybigday.guest>

Developing for UI Layout, Restful API Integration, and all the feature sets.



## Sports Bingo Game – TenByTen iOS / Android App



ref: <https://play.google.com/store/apps/details?id=com.tenxten>

All new Sports Squares games for NFL and NBA.

Developing for OAuth login, Parse.com API integration, UI layout.

## Education

NCU – MS, Optical Mechanical Engineering 2010

NCU – BS, Mechanical Engineering 2008

## Skills

### Mobile

iOS ObjC, iOS Swift, Android Java

### Web

NodeJS, ReactJS

### SaaS Integrations

- Hosting: AWS EC2, Route53, S3
- Project management: Atlassian JIRA, Confluence
- DevOps: GitHub, GitLab, Bitbucket, SlackBot, Jenkins, DroneCI, fastlane.tools
- Payment: Stripe, Adyen, Braintree
- Data analytics: Mixpanel, CleverTap, Firebase
- Streaming: Twilio, Nginx-rtmp