

Eric Hsu

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Profile

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

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

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

Software Engineer at TrendMicro since 2010 to 2015

Over 7 years mobile application development experience.

Familiar with iOS ObjC/Swift, Android Java, ShellScript, and Automation testing with Node.js/Mocha.

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

Experience

App Developer, KKday (June 2017 - Present)

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

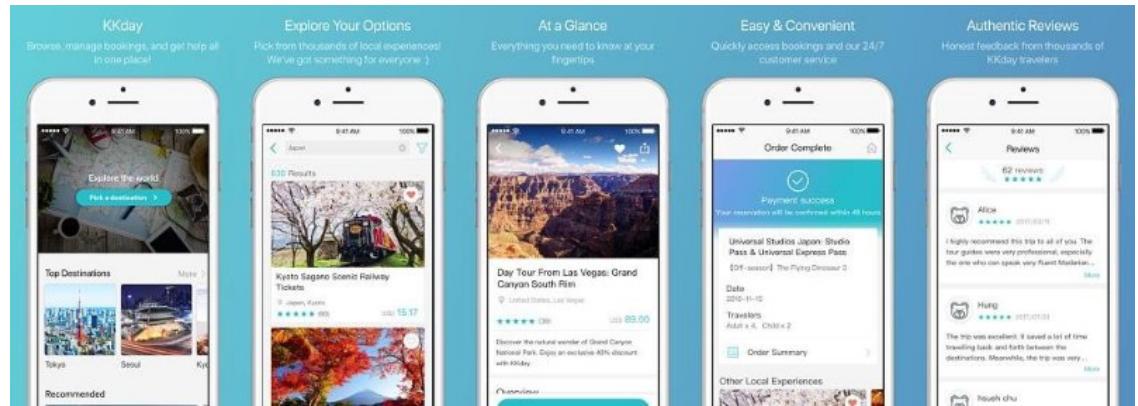
Senior Engineer, TrendMicro (Sep 2010 - Jan 2015)

Mobile security solutions
- iOS App In-App purchase and submission setup
- iOS Malware detection module
- CI integration for mobile developing
- Anti-fraud cloud service integration
- Parental Control
- Privacy analysis of SocialNetwork, Browsing, and Apps
- Battery optimizing for Android
- Lost device prevention
Windows software maintenance
- Installer for PC-cillin 2012
- Customize UI of TrendMicro Internet security 2013 for NTT
- Re-packing system of installer

Projects

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

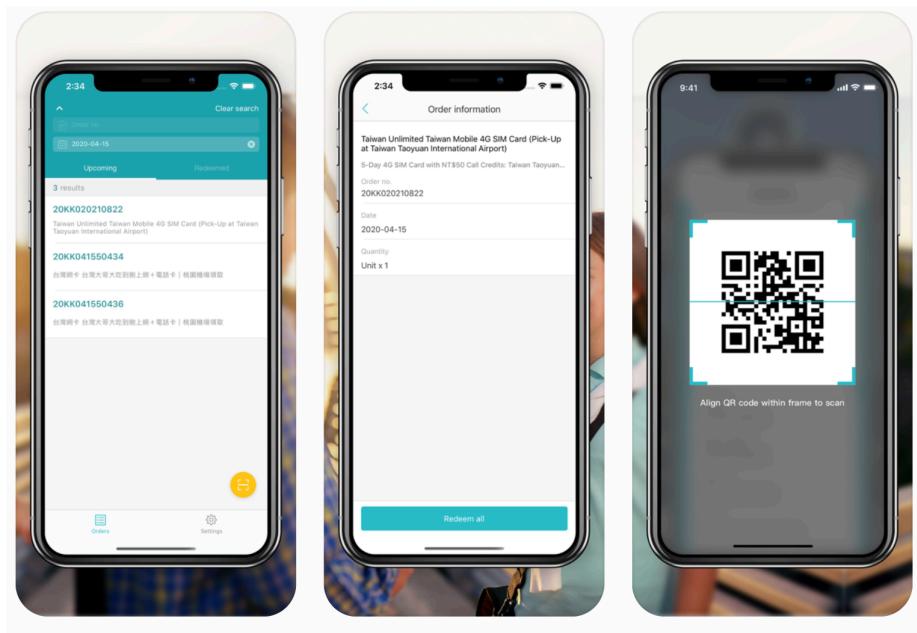
KKday Travel Guide iOS App (a.k.a Travel Monster)



<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)

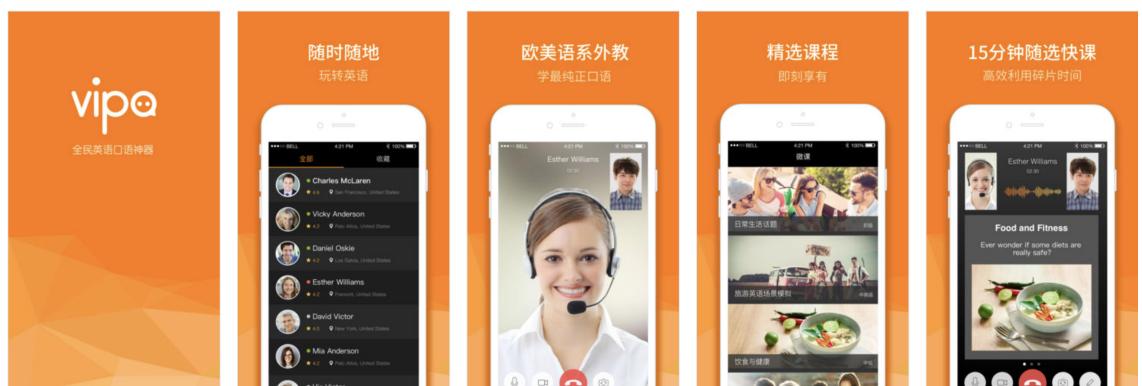
<https://www.google.com/patents/CN102254462A?cl=zh>

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



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>

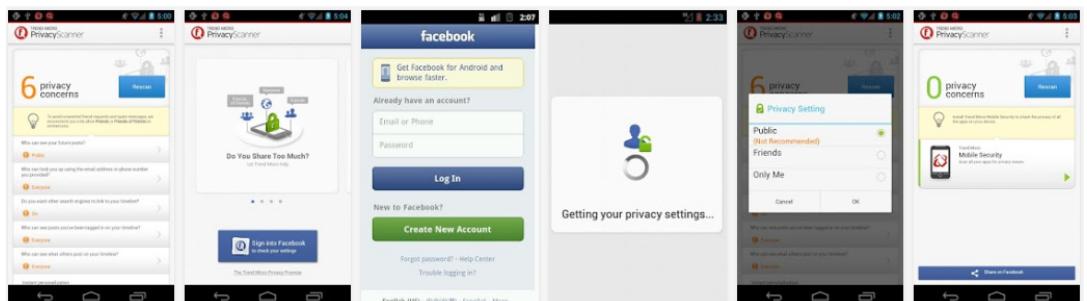
Developing for Licensing module, L10n support, and automation testing.



Facebook Privacy Scanner

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

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



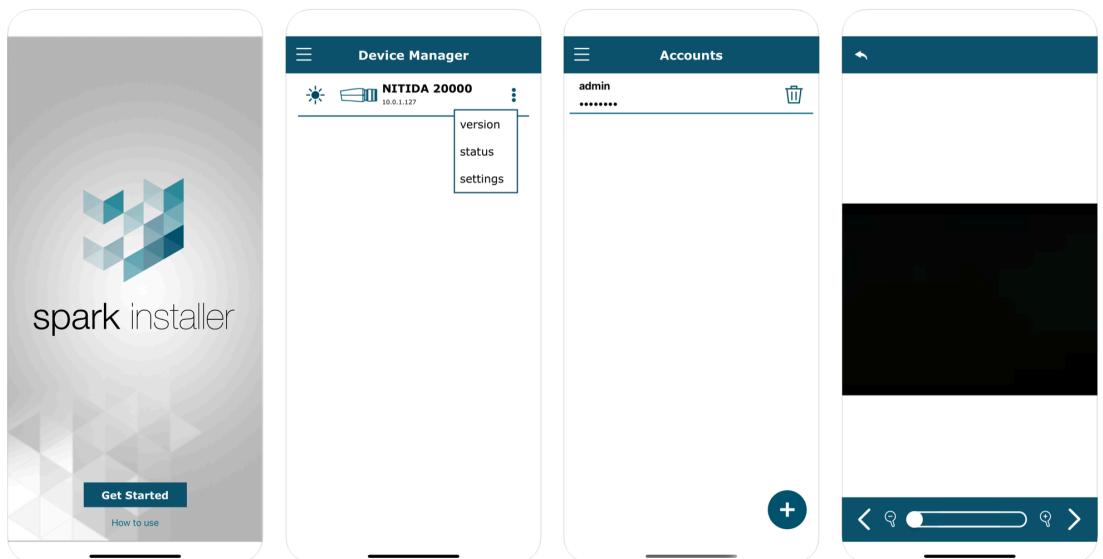
GO! POLAR BEARS!



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

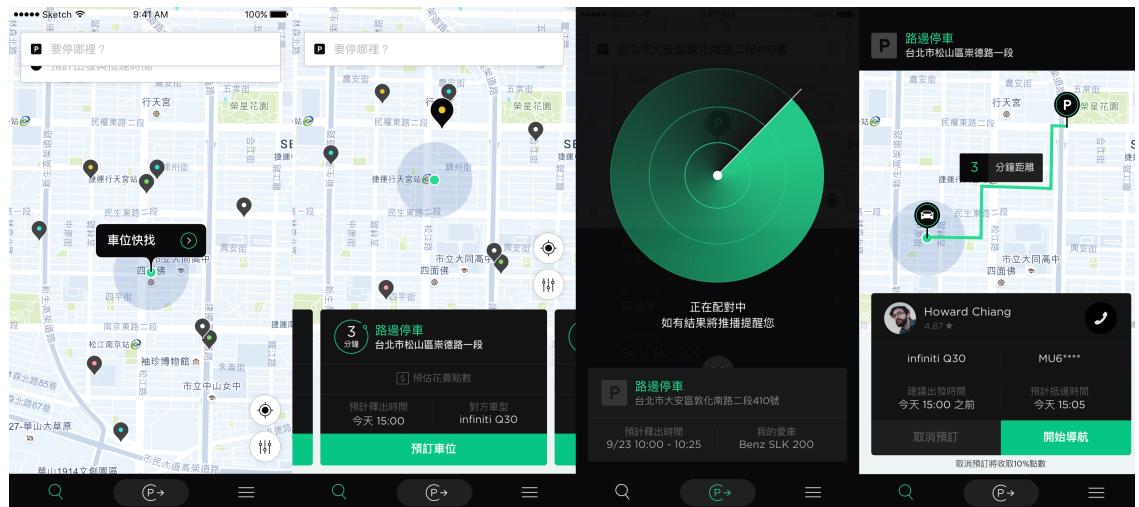
Spark Installer 2.0 iOS App - IP Cam Device Installer



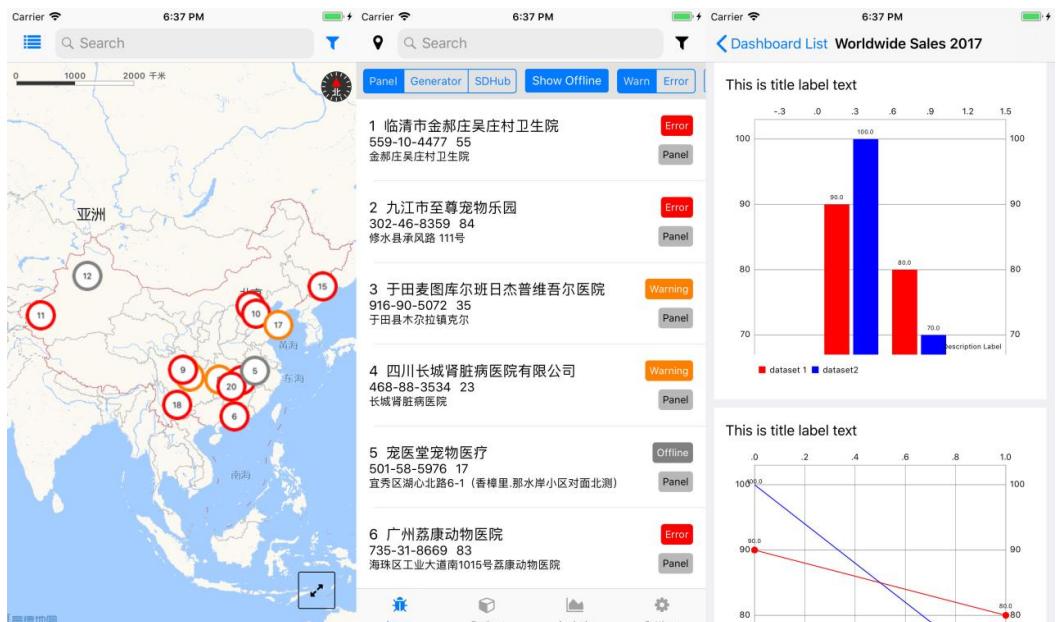
<https://apps.apple.com/us/app/spark-installer/id1435252893>

- 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

ObjC, Swift, Android JAVA

Web

NodeJS, ReactJS

DevOps

AWS EC2, Route53, S3

Atlassian JIRA, Confluence, Bitbucket

GitHub, GitLab, SlackBot

Jenkins, Docker, Rancher