

Andrew Ke

iOS and Node.js Software Developer

Contact

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Experience

Languages: Swift, Javascript and Node.js, Objective-C, Java, Python, C

Tools: XCode, Atom, Sketch

Familiar Frameworks/APIs: Parse, Spotify, Youtube, Express, Google Maps, UIKit, Foundation

iOS Intern, Tripcipe; Menlo Park - 2014

Game changing trip planning app that allows people to “clip” attractions and organize their vacation. I built a full, production app from scratch with a great UI.

<https://itunes.apple.com/us/app/tripcipe/id917896046>, tripcipe.com

iOS Intern, Formative; Palo Alto - 2015

I built from scratch a full social networking app (comments, posts, images, groups, login, profile, etc.) specialized towards Dementia caregivers and patients to help them communicate with loved ones.

<https://itunes.apple.com/us/app/formative/id1032617767?mt=8>, formative.care

Indie Apps

Remixes

A music app that allows people to easily find remixes of songs and watch music videos for free.

<https://itunes.apple.com/us/app/remixes-find-remixes-your/id1070012493?mt=8>

Shuffle

A charming but addictive word game to help build vocabulary.

<https://itunes.apple.com/us/app/shuffle-vocabulary-word-game/id1060409017?mt=8>

iSleep

Sleep tracking and analyzation app that helps teen start and maintain good sleeping habits

<https://itunes.apple.com/us/app/isleep-sleep-tracker/id1065380034?mt=8>

Note: These apps are released under my dad's name (Jie Ke) due to legal age restrictions for the App Store

Hardware and Making

2014 Invitee to Inaugural White House Maker Faire, Speaker at 2014 New York Maker Faire

Skills: Rapid manufacturing, circuitry, electronics prototyping

The Grid

Large scale LED gaming and interaction platform made of 64 tiles. Has won many Editors choice ribbons at Maker Faires across the nation

<https://sites.google.com/site/teampathfinderdsm/>

The Pi Drone

Custom manufactured and built drone I made as a project. I made the frame out of CNCed aluminum but then switched to using laser cut acrylic. I put an onboard raspberry pi microcomputer on board and wrote server and client side code to stream video and stats.

andrewke.org

I've made many other cool projects like a circular dual caster robot, a custom built gumball machine, and a LED matrix clock that displays sports scores.

Education

Cupertino Middle School (2010-2014) - Top Scholar, Honor Roll (4.00 GPA)

St. Francis High School (2014-Current) - 4.45 Weighted GPA

Online Courses Completed

Stanford Programming Methodology (CS106A)

Stanford iPhone Application Development (CS193P)

Harvard Introduction to Computer Science I (CS50)

Udacity Design of Computer Programs (CS212)