

Kay Yin

 **Email**
KayYin@Me.com

 **Phone**
(404) 578-1500

 **Website**
HiKay.github.io

 **Github**
github.com/hikay

Education

Georgia Institute of Technology
August 2016 - May 2020 Atlanta, GA

Major	B. S. in Computer Science
Threads	Media and Intelligence
Graduation	Class of 2020

Shanghai United International School
August 2013 - May 2016 Shanghai, China

GPA	4.0/4.0
Course	International Baccalaureate
Diploma	IB Bilingual Diploma Award

Work Experience

ICT & Coding Teacher
Xiehe Summer School
Summers 2015 - 2016

- Taught Objected-Oriented Programming with Xcode Playground to students aged 10 to 12
- Taught building computers and creating games in Scratch to students aged 6 to 9
- Gave lectures and helped students write and debug their programs

Web Developer
Re•Action Lab
January 2016 – March 2016

- Developed a full-stack media streaming website for students to share and comment on films and montages
- RESTful backend written in NodeJS, integrates with database through MongoDB and authenticates with Passport
- Created customized front-end pages and embedded video players written with vanilla HTML5, CSS and JavaScript

Social Media Marketer
Shanghai Eco & More
Summer 2015

- Worked with designers and marketing creatives to develop HTML5-based social-media campaigns
- Distributed and promoted campaigns through WeChat, one of the major social media platforms in China
- Analyzed and reported customer data from campaigns for continuous enhancements

Projects

SUIS Library Kiosk App
October 2015 - January 2016

- Developed, localized and internally deployed an iOS app for librarians to manage library inventory, generate PDF reports of inventory and for students to locate, preview and record a video review of books in the library
- Data modeled with CoreData APIs and syncs with iCloud across all kiosks in the library, PDF reports generated with graphic context in UIKit and videos handled with AVFoundation

macOSLucidaGrande
Summer 2014

- Developed a small utility that allows users to customize Mac's system font
- Received 529 stars, 17 forks, 45 watches on Github in total across three major releases

VibeFind App
Summer 2014

- Designed and prototyped a crowd-sourced restaurant review app with Keynote, Xcode Interface Builder and After Effects
- Pitched the app to a group of venture capitalists at UCLA at an entrepreneurship contest

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Skills

Languages & APIs

- Proficient in Objective-C and in Cocoa and Cocoa Touch APIs
- Proficient in web languages and APIs such as HTML, CSS and JavaScript
- Proficient in C, Java, Swift and Python

Applications

- Proficient in IDEs such as Xcode, Visual Studio and Atom
- Proficient in UNIX command-line tools such as bash and git
- Proficient in design software such as Sketch, Adobe Illustrator and Adobe After Effects
- Proficient in Keynote and PowerPoint for creating professional and engaging slideshows

Operating Systems

- Proficient in deploying and maintaining Linux servers
- Proficient in working with macOS, iOS, desktop Linux and Microsoft Windows

Researches & Publishments

iOS and macOS API Compatibility

August 2015 - October 2015

- Researched upon backward compatibility of iOS and macOS applications
- Created a proof-of-concept run-time memory dylib patch to re-implement missing and modified API methods, therefore porting the built-in iOS Calendar app from iOS 6 to iOS 9
- Drafted a 4,000-word thesis about the study, then presented the findings in front of hundreds of audiences

OS X Mountain Lion Review

April 2012 - May 2012

- Wrote an extensive review about user-facing features and underlying architectural changes in OS X Mountain Lion (10.8).
- Published the review on MacWorld Asia Magazine (Issue May 2012).

Leadership

Head Boy

Shanghai United International School

May 2015 - May 2016

Chief Media Officer

Student Video Club @ SUIS

August 2014 - May 2016

Lead Violinist

The SUIS Orchestra

August 2013 - May 2016

Blue House Captain

Student Prefect Group @ SUIS

March 2014 - May 2015

Regional Coordinator

Stepping Stones Volunteer English Teaching Programme

May 2014 - May 2015