

Luming Yin

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Luming.tk

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Education

Georgia Institute of Technology

August 2016 - May 2019

Atlanta, GA

Skills

Mobile, Desktop and Web Development

GPA	3.8 / 4.0
Major	B. S. in Computer Science
Honors	Highest Honor
Threads	Information Networks and Media
Leadership	Senior Tech Lead at GT iOS Club

- Experienced in Objective-C, Swift, UIKit and AppKit
- Experienced in web technologies such as Node.js and Vue.js
- Experienced in Java, JavaFX, JavaScript, TypeScript and Python
- Experienced in computer graphics frameworks such as Processing
- Experienced in data structures and algorithms

Work Experience

Developer, iOS Safari Team

Apple Canada

June 2022 — Now

Apple Inc. (Cupertino, CA)

June 2019 — June 2022

Summer 2018

Developer, iOS Team

Ingenious Med Inc. (Atlanta, GA)

Summer 2017

- ▶ Built macOS platform features such as Web Apps on the Dock, as well as Safari features including Tab Groups, enhanced Favorites UI, redesigned tabs interface on iPhone and iPad, and expanded WebRTC support for third party apps
- ▶ Developed the App Clip card and loading experience by creating underlying framework code, as well as adding multitasking support and an improving authentication experience to Home Screen web apps
- ▶ Delivered many critical bug fixes and stability improvements across iOS and macOS
- ▶ Designed and developed feature enhancements such as an OCR-based patient face-sheet extraction engine, which involves training custom Tesseract data models
- ▶ Fixed production bugs related to data persistence and multithreading, made security improvements such as encrypting sensitive information for a medical billing iOS app

Projects

Desktop Apps

Spring 2014 — Spring 2019

Two

Spring 2017 — Fall 2017

SubtitleKit

October 2016 — December 2016

- ▶ Developed several desktop applications, including a caption editor, a font customization tool, a speed reader app, a clipboard text format utility, as well as an audio recorder
- ▶ Utilities distributed on the Mac App Store are featured by reviewers from Mac360 and Softpedia, while their corresponding Github repository received hundreds of stars
- ▶ Developed an iOS app that allows users to chat with customizable font and bubbles, send stitched screenshots and auto-expiring photos, or mirror videos or sketches in real time
- ▶ Created customized UI on top of UIKit without intermediate frameworks and handled networking with WebSockets, data persistency with CoreData
- ▶ Created Java classes and utilized built-in data structures to store, parse and reformat Closed Caption subtitles
- ▶ Worked with a caption translation group to test the project, saving around an hour of manual parsing per 25-minute-long sitcom