


Luming Yin

 **Email**
LumingYin@gatech.edu

 **Phone**
(404) 566-6000

 **Website**
Luming.ga

 **Github**
github.com/LumingYin

Education

Georgia Institute of Technology

August 2016 - May 2019 Atlanta, GA

GPA	3.7 / 4.0
Major	B. S. in Computer Science
Threads	System Architecture and Media
Graduation	Summer 2019 (Estimated)
Leadership	Tech Lead at Georgia Tech iOS Club

Skills

Native and Web Development

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

iOS Developer

Ingenious Med Inc. (Atlanta, GA)

Summer 2017

- ▶ Designed and developed feature enhancements such as an OCR-based patient face-sheet (form) 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

ICT & Coding Teacher

Xiehe Summer School (Shanghai)

Summers 2015 - 2016

- ▶ Taught Objected-Oriented Programming with Swift 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

Projects

Two

Spring 2017 - Fall 2017

- ▶ Developed an iOS app that allows users to chat with customizable font and bubbles, send stitched screenshots and auto-expiring photos, as well as 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

SubtitleKit

October 2016 - December 2016

- ▶ Created Java classes and utilized built-in data structures to store, parse and reformat Closed Caption subtitles
- ▶ Worked with a caption translation agency to test the project, saving around an hour of manual parsing per 25-minute-long sitcom

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