

# Sean Choe

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## WORK EXPERIENCE

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**Patreon** San Francisco, CA

Mar 2018 - Present

### Senior Software Engineer, iOS

- Designed architecture of the new messaging system for mobile clients adapting Sendbird, a third-party messaging SDK
- Refactored post feed voluntarily, to resolve longtime tech debts and bugs
- Refactored UI flow architecture using UIKit's Responder Chain, for simpler deep-linking and better separation of concerns
- Developed a rich text editor and a HTML parser from the scratch
- Voluntarily rewrote the messaging UI from the scratch for better UX and resolving tech debt
- Built testing/deployment pipeline for iOS on CI
- Refactored networking layer using Swift protocol and URLProtocol for better testability
- Added Sign in with Apple to iOS and also voluntarily learned/implemented the backend code for it due to resource constraints
- Led writing a code review guideline when the team grew from 2 to 3 engineers
- Voluntarily worked on improving paid podcast feed, by working with other teams and talking to indie podcast app developers

**NComputing / ZeroDesktop** San Mateo, CA

Dec 2013 - Mar 2018

### Senior UI/UX Designer & Mobile/Web Developer

- Developed the iOS code and designed the UI of DinnerTime, QualityTime and Blocks - parental control apps for families

**Fomola** Seoul, South Korea

Jul 2010 - Aug 2012

### Creative Director, iOS Developer & UI/UX Designer

- Developed the code and designed the UI of Blogsy - a blogging app for iPad

## PERSONAL PROJECT

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**Tagmark** [seanchoe.com/tagmark](https://seanchoe.com/tagmark)

Released in Sep 2020

Developed Tagmark - an app that lets you save any URLs into NFC tags, using SwiftUI

## EDUCATION

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**Kookmin University** Seoul, South Korea

Mar 2000 - Feb 2008

Bachelor, Industrial Design