

# Jeong, Yonguk

[ywj1022@gmail.com](mailto:ywj1022@gmail.com)

[LinkedIn](#) [SO](#) [GitHub](#)

## EDUCATION

**NYU Tandon** — M.S. in CS, Class of 2021    BROOKLYN, NY SEP '19

**Yonsei University** — B.S. in CS    SEOUL, KOREA MAR '08 - AUG '16

## EXPERIENCE

**Hyperconnect** — *iOS Developer*    SEOUL, KOREA JUN '16 - AUG '19

Developed a video broadcasting application, [Hakuna](#)

- Made the app from scratch and launched it in 4 months as an initial member of a small & agile team.
- Developed iOS part of *WebRTC* based live streaming service.
- Built the app based on Reactive Programming paradigm (RxSwift + ReactorKit)
- Developed handling deep links with a sophisticated business logic, for example, deferring the processing of an incoming mobile deep link until a newly acquired user finishes the signup process.
- Resolved about 80% of the existing crashes and achieved 99.73% crash-free users.
- Dealt with L10n issues with various languages such as Arabic (RTL), CJK languages.
- Suggested and developed a bug reporting system, in which the QA engineer could export debug logs and some diagnostics which is helpful to figure out what the exact bug is and what happened under the scene.

Maintained [Azar](#), one of the most successful video chat app

- Added new features, fixed bugs and refactored legacy code on Azar. Worked on a complex & large code base with multiple asynchronous contexts.

**Company 100** — *Software Engineer*    SEOUL, KOREA AUG '13 - FEB '16

Did customizations on *WebKit* at several projects

- Customized *WebKit* on Android set-top box of Humax. Contributed in implementing HbbTV specification. Backported some HTML5 features
- Participated in a project funded by South Korea Government as a core project member. Reduced costs to create and destroy *WebWorker* using threadpool. Integrated the existing *WebCL* implementation to the project.

## SKILLS

### Expert

iOS Development

Swift

Git

WebRTC

RxSwift

Auto Layout

### Working Knowledge

Objective-C

Node.js & JavaScript

Python

Shell script

WebKit

Java

C++

## TOOLS

swiftgen

swiftlint

fastlane

xUnique

jenkins

## LANGUAGES

Korean: native language

English: working proficiency

Japanese: beginner

## OTHER WORK EXPERIENCES

2012 - 2013 **KMIC Global**

2011 - 2012 Part-time iOS dev