

# Tio Taek Lim

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Javascript/Typescript  
React, Vue, Node, RxJS  
Java, Spring, SQL, AWS, Git  
Korean (Native), English

*5+ years of experienced Software Engineer in both backend and frontend development*

## EDUCATION

**Georgia Institute of Technology**

*M.S. Computer Science*

**Atlanta, GA**

*May 2026*

**University of California, Los Angeles**

*B.S. Mathematics-Economics*

**Los Angeles, CA**

*Mar 2013*

## PROFESSIONAL EXPERIENCE

**ADRIEL, Frontend Engineer**

**Seoul, South Korea, Nov 2021–May 2024**

*Developing AdTech SaaS dashboard solution using **Javascript**, **Typescript**, **Vue**, **React** for a Series B startup.*

- Designed, developed an editable dashboard snapshot system using **RxJS**, and reduced the size stored by 90%
- Developed a PDF landscape/portrait export feature for a customizable dashboard report using **React**
  - Created layout-converting algorithms for switching between report and dashboard mode with unit test
- Led the migration of the dashboard service from Vue to React with Next.js, reduced frontend loading by 50%
  - Participated in the evaluation and selection of the new tech stack, contributing insights
  - Analyzed previous state management system and migrated **VueX** store to **Redux** and **Jotai**
  - Implemented React Query to optimize API requests and enhance data fetching capabilities
  - Created a predictable system and optimized event handling and state propagation by utilizing **RxJS**
- Designed and developed a text editor widget using **WYSIWYG Quill** library
- Led **React Native** mobile web, iOS, and Android app development, focused on screen flows, deep linking, and **webpack** configuration
- Reduced technical assistance time by 50% by improving documentation of frontend setup, business logic flows, and terminology, using Notion and Figma flowcharts for both developers and non-developers

**DIV, Software Engineer**

**Jeju, South Korea, May 2021–Oct 2021**

- Led frontend and backend development for a new flight ticket reservation system using **JavaScript**, **PHP**, **Twig**, **Slim2**, and **jQuery**, reduced brokerage fee by 20%
- Implemented a hotel reservation system by integrating Expedia's hotel reservation API on a cross-platform application (web/iOS/Android) using **Javascript** and **Framework7**, increased revenue by 5%

**BABELTOP, Software Engineer**

**Seoul, Korea, July 2019 – Nov 2019**

- Led a translator approval process and renewed login/join using **Javascript**, **React**, **Redux**, **Redux-saga**

**RECOBELL, Software Engineer**

**Seoul, South Korea, Feb 2018–July 2019**

*Engineered and enhanced a cloud-based recommendation system using **Java**, **Spring**, **SQL**, and **AWS Cloud**, collecting and processing an average of 500 million user logs monthly from client web and mobile services.*

- Maintained **Javascript** based logger SDK, **AWS Kinesis** based data collector, **SQL**-based recommendation engine and REST API server using Java, Javascript and AWS
- Created APIs for a keyword-based book recommendation service for Kyobo Book Centre, extracting insights from book metadata using Eunjeon morphism analysis library and user logs from its service, using with **Java**, **Spring Boot**, **MySQL**, **MyBatis**, **AWS**, Shell script, and jQuery.

## CERTIFICATION/LICENSE/ETC

SQL Developer Certificate, Korea Data Agency

July 7, 2023

AlgoExpert, Certificate of Completion 100 questions, AlgoExpert

Oct 2, 2022

Seoul National University Big Data Academy AI Workshop, SNU

2019, 2018

CS Engineer Information Processing License, HRDK

Nov 16, 2018

Java, Spring web development boot camp, KITRI

Mar 2017–August 2017