

Work Experience

- 03/2021 – **Software Engineer**, *Retrieva Inc.*, Remote
- Present
- Working on a text/voice analysis web application and maintaining the whole codebase.
 - Developing backend APIs with Ruby on Rails and frontend SPA with Nuxt.js.
 - Interacting with other teams (planning, customer success, infrastructure) to describe technical designs and manage the development plans.
 - Designed and implemented a feature extraction algorithm with NLP techniques.
 - Reimplemented a text preprocessing script for easy extensibility and performance.
 - Improved application performance in terms of speedup and memory usage.
- 08/2019 – **Software Engineering Intern**, *Retrieva Inc.*, Tokyo
- 09/2019
- Worked on a text classification system using C++.
 - Researched data balancing algorithms and implemented them to handle imbalanced data.
 - Improved the data structure of classifiers and achieved a speedup in the learning process of 10x at most.

Education

- 2019 – 2021 **Master of Information Sciences**, *Tohoku University*
- 2015 – 2019 **Bachelor of Engineering**, *Tohoku University*

Miscellaneous

- Selected for ICPC Asia Yokohama Regional Contest in 2019.
- Selected for JEES/SoftBank AI Scholarship in 2019.

Skills

- Languages Ruby, TypeScript, C++, Python, Go, Shell Script
- Web Ruby on Rails, Vue, React, GraphQL
- Utilities Shell Utilities, Git, Docker, PostgreSQL, MongoDB, AWS/GCP services, macOS, Ubuntu
- Development Agile, Scrum, CI/CD (GitHub Actions, CircleCI)
- Computer Science Algorithm Design, Data Structures, Machine Learning, Natural Language Processing