

# Minji Kim

Passionate Software Engineer with 15 Months of Internship Experience, Seeking New Grad Opportunities

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## Work Experience

### Software Engineer Intern, SurveyMonkey

May 2022 - Aug 2022

- Successfully integrated **TypeScript** into an existing front-end JavaScript project, resulting in a 20% reduction in bug reports due to enhanced type safety and improved testability.
- Implemented **GraphQL** resolvers and defined descriptive data types for a **React.js** project, enhancing performance and facilitating API scalability through schema-defined type definitions.
- Performed test-driven development using **Jest** and **React Testing Library**, increasing test coverage by 10%.

### Data Developer Co-op, Teck Resource

Sept 2021 - Apr 2022

- Implemented an automation pipeline in **Azure DevOps** to handle ETL processes, streamlining data integration and improving workflow efficiency by 200%.
- Explored Databricks capabilities for Water treatment plant analytics and reporting with **Python**, developing queries in **Databricks SQL** and integrating them into Power BI workflow.

### IT Collaborative Solutions Intern, TransAlta

Jun 2021 - Aug 2021

- Designed COVID pre-screening app, on-site security app, and other internal applications by gathering stakeholder requirements with **PowerApps** under an agile environment.
- Identified and resolved issues in the company's internal **Java** applications and successfully implemented deployment processes for these applications.

## Projects

### Motive Optimize | Web application

Oct 2022 - Mar 2023

- Won 2nd place at the 2023 University of Calgary Engineering Design Fair.
- As a Front-End Lead, was responsible for the UX/UI design and implementation of the front-end components using **TypeScript** and **Next.js**.
- Developed A dashboard page with data visualization capabilities for over 100 entities using **Chart.js**.
- Demonstrated full-stack development in an end-to-end workflow.

### Endless Trivia | Web application

Nov 2020 - Dec 2020

- Wireframed the UI/UX and implemented the functionalities for the main lobby and the game room using **Javascript**, **Bootstrap**, and **React.js**.

### Gen.G Fansite | Web application

Sept 2020

- Developed using **HTML** and **CSS**.

## Volunteering

### Board Member, Korean War Commemorative Committee

Jul 2021 - Present

### Human Resource Manager, DWNN

Apr 2019 - Present

### Volunteer Manager, Calgary Korean School

Sept 2017 - Apr 2023

## Education

### Bachelor of Science in Software Engineering, University of Calgary, GPA: 3.3/4.0

Sept 2017 - Apr 2023

- Relevant Courses: Data Structures, Algorithms and their Applications, Distributed Systems
- Club: The Student Organization for Aerospace Research (SOAR),  
The Association of Korean-Canadian Scientists and Engineers (AKCSE)