

KAREN KA YING LIN

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Work Experience

Software Engineering Intern, Meta

May 2022 – Aug 2022

- Used [ReactJS](#) and [Hack](#) to build new features
- Upgraded the alert-inbox page of the developer communication platform using a new [React component](#) library
 - Increased [consistency](#) of the UI styling across the platform
- Developed the test-launch feature of the developer communication platform
 - Enhanced [efficiency](#) by preventing users from wasting time waiting for content approvals
 - Implemented logic to [validate and restrict](#) the recipient type of a test-launch
 - Designed the [UI](#) using [Figma](#)
- Added the [alert-template feature](#) to the developer communication platform
 - Increased [efficiency](#) by eliminating the need for users to compose a message from scratch

Software Engineering Intern, Achievers

Sept 2021 – Dec 2021

- Used [ReactJS](#), [SCSS](#) to develop the frontend
 - Used [Formik](#) and [Yup](#) to [validate](#) user-input
 - Placed a larger and blurred copy of images/GIFs behind the original copy
- Used [Python](#) to develop the backend
 - Wrote scripts to [crop image/GIFs](#) size, and upload them to a [GCS Bucket](#)
 - Fixed [bug](#) occurred while fetching data from GCS
 - Fixed permission issue

Software Engineering Intern, Achievers

Jan 2021 – Apr 2021

- Used [PHP](#) to develop the backend of the Listen product
- Performed unit-testing

Programmer, KGS Research

Jan 2020 – Aug 2020

- Used [HTML tags](#) to format question text and [JavaScript](#) to randomize answer options

Summary of Qualifications

Languages/Technologies:

ReactJS, JavaScript, CSS, Python, Git, Bash, SQL, PHP, Java, Kotlin, C, C#, C++

Education

University of Waterloo, ON, CA
Major: Computer Science
(Sept 2018 – Apr 2023)

Interest

Swimming | Wing Chun
Table Tennis | 3D Modeling
Paddle Boarding | Basketball
Foosball | Ultimate Frisbee
Juggling | Soccer | Basketball

Relevant Projects

Gen S (Android App)

- Designed the architecture and UI; built the app in Kotlin
- Built the UI of the auto-generate plan and manually generate plan page; created date and time fragments

Secret Gifto (Web App)

- Used ReactJS to develop the frontend
 - Responsive UI
 - Used Formik and Yup to validate user-input
 - Used useContext hook to manage modal type message
- Used Python and SQL to manage the backend
- Wrote queries to store and fetch matching results from DB
- Match participants randomly using a graph data structure

Chef's Hat (Web App)

- Handled user authentication with PHP
- Designed SQL table structures
- Wrote queries to search for recipes from DB based on keywords