

KA YING KAREN LIN SOFTWARE ENGINEER

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Summary of Qualifications

Languages/Technologies: ReactJS, JavaScript, CSS, Python, Git, Bash, SQL, PHP, Java, Kotlin, C, C#, C++

Courses: Object-Oriented Software Development, Database Management, Architecture, Algorithm, Software Testing

Work Experience

Software Engineering Intern, **Meta**

Seattle, WA | 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**

Toronto, ON | 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**

Toronto, ON | Jan 2021 – Apr 2021

- Used **PHP** to develop the backend of the Listen product
- Performed unit testing

Programmer, **KGS Research**

Toronto, ON | Jan 2020 – Aug 2020

- Used **HTML tags** and **CSS** to format question text and **JavaScript** to randomize answer options

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 Giftr (Web App)

- Used **ReactJS** to develop a **responsive UI**
- Used **useContext** hook to manage modal type message
- Used **Python** and **SQL** to manage the backend
- Match participants randomly using a **graph data structure**

Education

University of Waterloo (Graduated in 2023 Apr) | Honours Bachelor of Computer Science | GPA: 89

Interest

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