KA YING **KAREN** LIN

SOFTWARE ENGINEER | HONOURS BACHELOR OF COMPUTER SCIENCE | www.linkedin.com/in/karenlinky/
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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 Gifta (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