

# Kevin Lu

## Software Engineer

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KevinLu

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## Education

### University of Waterloo

Computing and Financial Management, Honours, Co-op

Sep 2019 – Apr 2024

91% Cumulative Average

Dean's Honours List

## Experience

### Full Stack Developer Intern

Sobol.io / ConsenSys Mesh

Apr 2022 – Jul 2022 · Jan 2023 – Present

- Integrated Gnosis Safe into React app for detailed breakdown of safe assets and transactions
- Led the UX overhaul of a Discord bot with Discord.js; added robust warnings and interactions to prevent users from making irreversible changes
- Analyzed DataDog logs to prevent the agent from dropping large traces; converted existing traces to multi-part traces; completely eliminated large traces being dropped
- Refreshed the look and feel of a public showcase of DAOs using Sobol as their operations hub with React and Ant Design component library

### Software Engineer Intern

HomeX

Sep 2021 – Dec 2021

- Led the development of a home services marketplace through geolocation and trade matching; resulted in a new sales channel to convert the existing ~1M daily site visitors into potential paying customers by offering personalized in-home service
- Crafted a new appointment booking flow with TypeScript React to support the launch of a home walk-through service to clients across North America
- Leveraged HomeX's internal geolocation service to display customer support options based on the user's location; reduced out of service area requests by 90%

### Front-end Developer Intern

RSVP.ai

Jan 2021 – Apr 2021

- Created robust drag-n-drop features with the G6 Graph Engine for a visual chatbot designer; serving thousands of e-commerce businesses on the Youzan platform
- Developed a seamless user flow for training, testing, and publishing chatbots with TypeScript React
- Implemented an automated feedback system for the chatbot designer, notifying users of chatbot errors in real time

### Full Stack Developer Intern

Loadlink Technologies

May 2020 – Aug 2020

- Completely re-designed dashboards for two customer facing products using Figma
- Revitalized a legacy data visualization platform with Angular; now serving 18,000+ customers across North America
- Leveraged the Google Maps API to spatially visualize truck routes and load rates

## Projects

### Spatial.dj (React + Express.js + Redis)

May 2021

Listen to music with friends and meet new people. Interact in real time through proximity audio and instant messaging.

- Used Socket.io to support audio streaming through YouTube and instant messaging features
- Implemented proximity audio that adjusts music volume based on user's distance from the audio source
- Leveraged Redux Toolkit to handle asynchronous data fetching and to standardize the process of writing reducer logic

## Skills

### Languages

JavaScript

TypeScript

C++

HTML/CSS

### Technologies

React

MongoDB

Express.js

Node.js

Figma

Adobe XD

Git

Stripe