

Rob Koch

Software Engineering

✉ kochrt@gmail.com

🌐 robko.ch

🌐 linkedin.com/in/kochrt

🐙 github.com/kochrt

EDUCATION

BS in Computer Science

Miami University

BA in Psychology

Miami University

TECHNOLOGIES

Frontend - Javascript, Typescript, Vue, Nuxt, React

Backend - Node, Python

Google Cloud, Cloudflare, AWS

Android, Android Studio

Swift, XCode, iOS



Founder

[Markwhen.com](https://markwhen.com) · Brooklyn, NY

Sep 2022 - now

Markwhen is a markup language for visualizing series of events, e.g. in a timeline or calendar

Vue, React, Cloudflare Workers & Pages, Google App Engine, Stripe

[Documentation](#) | [Editor & Visualizations](#) | [Github](#) | [Parser](#) | [VS Code extension](#)



Senior Frontend Software Engineer

[Reddit](#) · Seattle, WA

Mar 2022 - Sep 2022

As part of the Premium & Perks team, created a new internal dashboard for customer service to debug and solve customer issues



Founder

[swink](#) & [gr.new](#) (domains have since lapsed)

Feb 2021 - Mar 2022

Swink was a QR design app with dynamic short links with simple analytics

Web app and API with SSR Nuxt/Vue on Google App Engine

Stripe, Github Actions for CI/CD, Playwright for testing



Software Engineer, Google Messages

[Google](#) · Seattle, WA

Oct 2018 - Feb 2021

Integrated search bar on the home screen, the largest visual change in the product's recent history, which led to a 2x increase in search users and a 50% increase in search clicks

Designed and implemented the ability for users to select multiple messages, which is used over 2M times/day

Designed and implemented heuristically identifying, and automatically replying to, carrier requests to users for spam phone numbers, which is used 10k times/day across all users

Designed and implemented experiments for increasing the CTR of RCS promotions, leading to a 22% increase in user sign-ups



Software Engineer

[Cladwell](#) · Cincinnati, OH

May 2017 - May 2018

Converted iOS app from a thick to a thin client in conjunction with API rollout

Reduced instances of crashing by an order of magnitude, while simultaneously adding new features

Raised app rating from 3.x to 4.4+



Cloud Engineering Intern

[Cardinal Health](#) · Columbus, OH

2016

Automated the internal requisition process for Amazon Web Services resources

English Teacher

Various Universities · Changsha, Shaoxing, and Hangzhou, China

2012 - 2015

Taught conversational English to University classes in 3 schools over 3 years

Learned Chinese 但是最近越来越懒了