

Rob Koch

Software Engineering

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EDUCATION

BS in Computer Science
Miami University
BA in Psychology
Miami University

TECHNOLOGIES

Swift, XCode, iOS
Android, Android Studio
Typescript, Vue, Nuxt, React
AWS, Google Cloud
Whatever gets the job done



Founder

Sep 2022 - now

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

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

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



Senior Frontend Software Engineer

Mar 2022 - Sep 2022

[Reddit](#) · Seattle, WA

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



Founder

Feb 2021 - Mar 2022

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

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

Oct 2018 - Feb 2021

[Google](#) · Seattle, WA

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

May 2017 - May 2018

[Cladwell](#) · Cincinnati, OH

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

2016

[Cardinal Health](#) · Columbus, OH

Automated the internal requisition process for Amazon Web Services resources

English Teacher

2012 - 2015

Various Universities · Changsha, Shaoxing, and Hangzhou, China

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

Learned Chinese 但是最近越来越懒了