Matthew Walinga

✉ matthew.walinga@gmail.com   🌐 walinga.github.io   ⌨ github.com/walinga

matthew.walinga@gmail.com
walinga.github.io
github.com/walinga

LANGUAGES

Java

JavaScript

HTML / CSS

Scala

C / C ++

Ruby

Go

Python

TOOLS

React

Git

Bash

SQL

Kafka

Redis

figma

EXPERIENCE

Yext // Software Engineer, Platform New York, NY. Jun 2020 - Present
- Architected automated environment switcher for external integrations (eg. Zuora, Salesforce) used by sales specialists, saving 2 hours / week of developer resources
- Designed systems for storing account information, session tokens, and analytics data, enabling the cross-team implementation of Self-Serve Signup Flow
- Enhanced engineering culture by mentoring interns, giving presentations (eg. Java 15 best practices) and writing blog posts (eg. how to safely remove legacy code)

Google // Software Engineer, Cloud Sunnyvale, CA. May - Aug 2019
- Designed and implemented the Drive Viewer integration for Chat-in-Gmail that improved attachment loading speed by over 200%
- Revamped the UI/UX of Chat in nested iframes by simplifying the message editing process; built according to design specs, using open-source web frameworks
- Documented best practices and collected project metrics to present to stakeholders

data.world // Software Engineer Austin, TX. Jan - Apr 2019
- Built a tool with React allowing customers to embed live SQL queries in Markdown
- Conducted and implemented A/B testing for UI components, analyzed results and provided insights to support data-driven product design

D2L // Software Engineer Waterloo, ON. May - Aug 2018
- Architected and shipped an interactive file drag-and-drop feature using React
- Rebuilt core rubric UX to be accessible, responsive, and cross-platform

Flipp // Software Engineer Toronto, ON. Sep - Dec 2017
- Ingested data for thousands of locations from the Google Maps API
- Won the Halloween costume contest with a team costume inspired by "Up"

EDUCATION

University of Waterloo Bachelor of Mathematics in Computer Science
Teaching Assistant - Math 135

PROJECTS

Open Source Contributed to numerous projects, including lichess.org, Homebrew, Visual Studio Code, and Rubocop

Rainbow Magic Along with Mattel and IoM Media, implemented rainbow magic online, a popular children's series web app using React