

Khalid Richards

25 East 19th Street, Apt. PH A
Brooklyn, NY 11226
(310) 484-9901
khalid.mrich@gmail.com
www.khalidmrich.com

EXPERIENCE

Google, New York, NY—Software Engineer

August 2022 - Present

- Wrote several features in an effort to modernize information on health-related conditions and symptoms searches.
- Configured and ran several experiments to determine the impact of modernization changes.
- Improved alerting and monitoring for the team's search page features.
- Explored using LLMs to determine harm and medical consensus risk within internationalized Health features.

IBM, New York, NY—Software Engineer (Project Lead), Interim Engineering Manager

August 2019 - July 2022

- Led project to modernize the backend architecture for Unified Profile, IBM's employee directory API.
- Acted as interim engineering manager during my manager's paternal leave, creating roadmaps to achieve major milestones within the team's major projects.
- Proposed and executed a plan to onboard new (and junior) engineers to the team's current priorities.
- Created several quarterly plans that lead to API quality improvements, such as a 201% increase in testing coverage.
- Worked with engineering managers and product owners to solidify the process to migrate adopters to newer versions of the team's APIs.
- Established several team processes such as a pull request rotation and optimizations for completing sprint work.

Group Nine Media, New York, NY—Software Engineer, Media Management & Distribution

September 2015 - August 2019

- Proposed and led project to implement new architecture for the company's media management tool
- Improved the speed and reliability of the media management tool's data ingestion services.
- Automated the publication processes of articles and videos to platforms such as Apple News and Facebook Instant.
- Built ETL processes that powered search on sites such as Thrillist.

SKILLS

Languages:

Javascript(Node.js),
TypeScript, C++, Python, PHP

Frameworks:

Serverless, Drupal, Express,
Flask, Django, Vue, Koa

Databases:

CouchDB, MongoDB, MySQL,
PostgreSQL

Miscellaneous:

Git/Github, Amazon Web
Services (AWS), Kafka, Docker

LANGUAGES

English (native language),
Spanish (elementary
proficiency), Japanese
(elementary proficiency)

EDUCATION

Columbia University
New York, NY
Computer Science (B.S.)