

Jasdev Singh



Engineering

Education

University of Virginia, '10-'14
BA Mathematics, BS Computer Science
–
Recurse Center, Fall 1, '15 and Spring 2, '20
Advanced Functional Programming, Summer '19
Orbital's Engineering Management Studio, Fall '18
South County Secondary School, '06-'10
VA Governor's School for Mathematics, Summer '09

Selected projects

RIFF

Helped get RIFF off the ground as the technical co-founder. Built the iOS app that took us through our first round of funding and coordinated backend work with an early team of advisors and contractors.

Peloton (iOS, tvOS, watchOS)

Programs, Challenges, HealthKit, heart rate monitor support, and other corners of the app.

NYC Point-Free Study Group

Organize a weekly, functional prog. study group.

Tumblr (iOS)

The networking stack and performance monitoring.

Imgur (iOS, API)

Upload, search, and the networking stack.

Network and sentiment analysis in dance music

Thesis research on artist set lists and textual comment data on SoundCloud.

Related skills

Languages and mathematics

Swift and Haskell – with exposure to others. For math, a focus on category and graph theory.

Frameworks and architectures

TCA, SwiftUI, Combine(Ext), RxSwift, MVVM, and UIKit.

Writing

Published longer-form technical and personal writing on my blog, Distillations, since '15.

Mentoring and hiring

Grew Peloton's iOS team from three to nine folks over the course of my first three years there – I onboarded, mentored, and helped structure the interview process.

Work

The Browser Company, September '21-Present
Peloton, Nov. '16-March '20 and Feb.-July '21
Senior software engineer.

RIFF (@justRIFF)

Technical advisor, February '21-Present
CTO and co-founder, June '20-February '21
Tumblr, November '15-November '16
iOS core engineer.

Imgur, June '14-August '15

API lead and iOS engineer.

Fitocracy, Spring '14

Software engineering intern.

Twitter, Summer '13

KPCB engineering fellow.

Microsoft, Summer '11 and '12

Software engineering intern.

Selected experiences and awards

- TA for Harvard's iOS summer course (S65-G '21).
- Core contributor to CombineExt.
- Gotham's Poetry I '20 course.
- Talks at both iOSoho and Brooklyn Swift meetups.
- Functional Swift '15 and '18 attendee.
- XOXO Fest '16 and '18 attendee.
- Catapult's Fall '18 essay writing course.
- Lead organizer HackUVA '14.
- ICPC programming contest regional qualifier.
- Two-time finalist at PennApps, '12 and '13.