

# Jasdev Singh



## Engineering

### Education

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University of Virginia, '10-'14  
BA Mathematics, BS Computer Science  
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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

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**The Browser Company (macOS, Windows)**  
Product engineering on most corners of Arc. Shortcuts, theme editor, media controls, site search, bug reporter, and the command bar, to name a few. Also contribute to release process tooling and product infrastructure (e.g. with label-based GitHub Actions workflows).

**Peloton (iOS, tvOS, watchOS)**  
Programs, Challenges, HealthKit, heart rate monitor support, and other corners of the app.

**Tumblr (iOS)**  
The networking stack and performance monitoring.

**Imgur (iOS, API)**  
Upload, search, and the Swift-rewrite of the app.

**Network and sentiment analysis in dance music**  
Thesis research on artist set lists and textual comment data on SoundCloud.

### Related skills

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#### 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), Swift Concurrency, and UIKit/AppKit.

#### 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

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

**RIFF, June '20-February '21**  
CTO and co-founder.

**Tumblr, November '15-November '16**  
iOS core engineer.

**Imgur, June '14-August '15**  
API lead and iOS engineer.

**Fitocracy, Spring '14 internship**  
**Twitter, Summer '13 internship**  
KPCB engineering fellow.

**Microsoft, Summer '11 and '12 internships**

### Selected experiences and awards

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- Contributor to El Cap (elcap.xyz)
- Member of the Horological Society of New York.
- 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.