

# Eashan Mathur

Junior at UC Berkeley with 3 years of Mobile Development and Software Experience

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## EDUCATION

### University of California, Berkeley

May 2023

B.A Computer Science + Data Science Minor (GPA: 3.6)

#### Related Coursework:

Principles and Techniques of Data Science, Discrete Math and Probability, Efficient Algorithms and Intractable Problems, Machine Structures, Introduction to Database Systems

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## EXPERIENCE

### Accenture

Jun 2021 – Aug 2021

Software Engineering Intern | San Francisco | [www.accenture.com](http://www.accenture.com)

- Engaged with one of the largest utility clients in the US to assist their efforts with wildfire mitigation through an end-to-end mobile application for tracking fieldwork - presented to Accenture and client senior leadership which led to a new partnership between the two
- Designed and developed a PoC intended to track work orders done by field workers using Functional React Native/Expo and Firebase – forecasted reduction of user data-errors by 90%
- Developed 20 different screens utilizing React Native (RN) Maps and custom markers, RN Camera, core RN design components, as well as numerous custom UI elements like UIAlerts, buttons, and visualizations
- Technologies: React Native, Expo, Firebase, Figma, Microsoft Azure DevOps

### Sillo

April 2020 - Present

Head of Mobile + iOS Developer | San Francisco | [www.sillo.co/](http://www.sillo.co/)

- Spearheaded the development of the iOS app, now on the iOS App Store, with a team of 3 engineers
- Developed numerous flows and custom elements including onboarding using UIPageViewControllers, interest selection using UICollectionViews, iterative work on integrating a bottom sheet controller, and a custom visual notification component utilizing a custom UIView and UIEffectView
- Technologies: Swift, CocoaPods, Firebase, App Store Connect, Figma

### Berkeley Mobile

iOS Engineer | [www.octo.asuc.org/projects/berkeleymobile.html](http://www.octo.asuc.org/projects/berkeleymobile.html)

Sep 2020 - Present

- Developed Berkeley's central iOS Application with over 2,000+ active users
- Adapted to a codebase with 100,000+ lines of code
- Worked on the onboarding flow, MapKit development, and custom UIViews
- Technologies: Swift, Firebase

### iOS Dev @ Cal

Course Facilitator | [www.iosdev.berkeley.edu/](http://www.iosdev.berkeley.edu/)

Aug 2021 – Present

- Teaching at UC Berkeley's largest iOS development course which introduces the development of iOS apps using Swift, XCode, SwiftUI 2, and UIKit