

Mohammed Ibrahim

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github.com/ibruthecreator

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Technical Skills

Languages

Python, JavaScript, PHP, Swift, Objective-C, Java

Tools and Platforms

NodeJS, ExpressJS, React, MongoDB, SQL, Xcode, UIKit, SwiftUI, Core Data, Realm

Design

Sketch, Figma, Photoshop, InDesign

Experience

Twitter

May 2022 - Aug 2022

Software Engineering Intern - Toronto

- On the Tweets Composition team, worked on **implementing mixed media tweets** to allow users to tweet with more than one media type (gifs, videos, photos) together
- **Built an onboarding experience for mixed media** as well as **media badging (view count, time remaining)** for multi-video galleries.
- **Prototyped an improved tweet drafts experience** with an emphasis on **adding more context to drafts, ease of use, and syning across clients**
- Used **Objective-C and Swift**

Apple

May 2021 - Sep 2021

Software Engineering Intern - Remote

- **Designed and build prototypes** for translation experiences on the Machine Translation team.
- Used **Objective-C, Swift, and SwiftUI**

Shopify

Jan 2021 - Apr 2021

Software Engineering Intern - Remote

- Shipped features for orders and fulfillments screens within the Shopify mobile app, **viewed nearly 90M times a month**
- **Optimized order load cost by 2.5x** by paginating and caching fulfillment lists in order pages
- Championed a **cross-platform project**, collaborating with design and data teams

Shopify

Sep 2020 - Dec 2020

Software Engineering Intern - Remote

- Worked on the **POS store operations team** as a native iOS developer
- Built a **tracker service that logged manager approvals** on events such as discounts or tax overrides as they were added to the cart, and displayed them on an order timeline to **provide transparency for the store owner**
- Used **GraphQL** to interface with the backend and **Core Data** for local persistence

Projects

NextFlick

Aug 2020

<https://www.producthunt.com/posts/nextflick>

- Built a **web app** using **React** that allowed users and their friends to discover the next movie to watch together
- Utilized the **TMDB API to fetch movie information, handle search requests, and collect movie recommendations** based on existing user interests
- Utilized **Firebase's Realtime Database** to provide a **fluid and collaborative multi-user experience**

Commerce Saliency

May 2020

<https://github.com/ibruthecreator/Commerce-Saliency>

- Built a **native iOS app** using **Swift** to allow online store owners to create quick mockups of items they have on sale
- Created a **backend using Flask** and utilized **BASNet, an open-source computer vision saliency model**
- Built an **API to handle requests with image data and return the computer vision model's output**
- Deployed the backend on an **NVIDIA CUDA EC2 instance on AWS** in order to handle requests and process images faster

Accomplishments

WWDC Student Scholar

2018/2019

- Submitted an educational **Swift Playground** that **taught the fundamentals of Blockchain technology**
- Visited **WWDC 2018 and 2019** as a student scholar in San Jose, California

Education

Toronto Metropolitan University

Expected June 2024

Bachelor of Software Engineering