

Mohammed Ibrahim

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Skills

Languages	Swift, Objective-C, Python, Java, C++, JavaScript, PHP
Tools and Platforms	Xcode, UIKit, Core Data, Realm, SQL, MongoDB, NodeJS, ExpressJS, React
Design	Sketch, Figma, Photoshop, InDesign

Experience

Apple May 2021 - Present
Software Engineer Intern - Remote
• Machine Translation

Shopify Jan 2020 - Apr 2021
Software Engineer 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 Engineer Intern - Remote
• Worked on the **POS store operations team** as a native iOS developer
• Built a **tracker service that kept 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

mettleAI Jul 2019 - Aug 2020
Software Engineer - Toronto, ON
• Designed and built a **minimum viable prototype** using **Figma** to demo to investors and validate with potential customers
• Solely built the first version of the **native iOS app** using **Swift**, utilizing **HealthKit** to **passively collect health information**
• Built out the **backend, API, and an authentication system with Firebase and JWT** using **JavaScript, NodeJS, ExpressJS, and MongoDB**
• Managed and collaborated with a front-end web developer intern to **build out a user dashboard**
• Featured at **TechCrunch Berlin**

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

Ryerson University - Toronto, ON Expected June 2023
Bachelor of Computer Engineering