

Chase Martin

GitHub | LinkedIn | AngelList | Portfolio
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Professional Experience

iOS Engineer | **DoorDash** | **Portland (Remote)** | **Aug 2020 - Jan 2022**

- Worked on the Convenience and Grocery team, building out the previously-absent shopping flow in the Dasher app and a post-checkout substitution flow within the DoorDash app
- Implemented item picking for 'each' items (i.e. box of cereal), barcode scanning, aisle info, three additional weighted item flows along with weight input (i.e. green beans, bananas, ground beef), intertype item substitution, customer contact flows including calling, texting, in-app chat and automated notification depending on out-of-stock/refund state
- Replaced the pre-checkout substitution flow with a newly designed post-checkout substitution flow, with search functionality, delivery status, and real-time preference updates
- Converted DoorDash iOS app order cart module to MVVM, fixing many race-condition bugs existing in the previous implementation due to an incoherent mix of design patterns

iOS Engineer | **Raya** | **Los Angeles** | **Aug 2017 - Aug 2020**

- Initiated and implemented conversion of Objective-C to Swift for entire codebase
- Largely responsible for live map component involving dynamic tray feature and heavy state
- Upgraded photo picker with waterfall layout, supporting fast scrolling and no frame loss

Coding Instructor | **App Academy** | **New York** | **Jan 2017 - Jul 2017**

- Facilitate coding lectures, code reviews, pairing practice and private tutoring for students learning Ruby and JavaScript in preparation for admission to App Academy

Projects

RoomAid | **React Native** • **GraphQL** • **Relay Modern** • **Rails** • **PostgreSQL** | **GitHub**

A roommate status and communication app for iPhone and Android

- Allowed users to own multiple spaces and invite users by email address with Relay/GraphQL mutations
- Utilized ActionCable to broadcast over WebSocket connections resulting from GraphQL subscriptions

Fbclone | **Rails** • **React** • **Redux** • **PostgreSQL** • **WebSockets** | **Live** | **GitHub**

Social networking platform inspired by Facebook

- Leveraged the BCrypt ruby gem to store salted and hashed passwords to supply user authentication
- Achieved bi-directional functionality via WebSockets with help of Pusher for Live chat feature

Advanced Battleship | **JavaScript** • **WebGL** • **BabylonJS** • **HTML5** | **Live** | **GitHub**

WebGL implementation of Battleship: Advanced Mission

- Built a 3D interface with fluid animations to provide immersive and realistic gameplay
- Integrated Web Audio API to supply sound effects for missile launches and explosions

Skills

iOS • Swift • SwiftUI • Combine • RxSwift • Vapor • Objective-C • Node • Express •
JavaScript • TypeScript • React • React Native • GraphQL • Relay Modern • PostgreSQL • AWS

Education

Web Development | **App Academy** | **New York** | **Fall 2016**

- An immersive full-stack web development bootcamp with less than 3% acceptance rate

Computer Science | **Santa Monica College** | **Los Angeles** | **Spring 2012 - Fall 2014**

Left in good academic standing to pursue software engineering in a more direct path such as through personal projects and bootcamp enrollment

- Courses in data structures, computer architecture, linear algebra, C++ and OOP