

# Raymond Truong

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🐙 [github.com/raytruong](https://github.com/raytruong)

## Education

Purdue University  
West Lafayette, IN

B.S. Computer Science

GPA • 3.72

Aug 2017 – May 2021

## Languages

Swift                  TypeScript  
Java

## Frameworks & Tools

UIKit                  Vue  
SwiftUI                Nuxt  
New Relic              Docker  
Linux                   GH Actions  
CoreData               Git  
Firebase

## Concepts

- A/B Testing
- Pair Programming
- Agile Development
- CI/CD
- Unit Testing
- Integration Testing

## Hobbies

- Bouldering
- Photography
- Hiking
- PC Games

## Experience

### Nordstrom Engineer I

Remote • Seattle, WA  
Apr 2022 – Present

- Developing features for the Nordstrom iOS app, used by millions of users monthly and generates millions of dollars in revenue daily
- Implementing and A/B testing features like native return flows, BOPUS, and sponsored ads, with some generating over ~\$2.8 million in EBIT annually
- Created configurable placement of sponsored ads, allowing for any number of ads to be displayed in any position on product browse page
- Identified and fixed performance issues on core product browse page, increasing product view rate by ~2.43% and increasing revenue per visitor by ~0.61%
- Led development of dynamic enticements, saving ~45 story points annually and completely removing the need for app store releases to publish new enticements

### Mastercard

#### Software Development Engineer I

O'Fallon, MO  
Aug 2021 – Mar 2022

- Maintained Java 8 Spring Boot micro services managing chargeback data
- Resolved defects and implemented business logic into an Angular 12 application
- Implemented feature into a Spring Batch application used to migrate a SQL table containing hundreds of thousands of transaction records

### Purdue University

#### Student DevOps Engineer

West Lafayette, IN  
Sep 2019 – Aug 2020

- Developed features for a custom Gradescope autograder, such as stack trace reporting and linting of code submissions using Python and Java
- Created CI/CD pipelines for over 20 repositories to automate deployment of autograder images onto DockerHub
- Automated build process for 17 Java labs by migrating them to Maven

#### Undergraduate Teaching Assistant

Aug 2019 – Dec 2019

- Taught 2 labs of 30 students alongside a team of teaching assistants for CS240, a core computer science course teaching C and C++
- Developed curriculum for CS390, an elective course teaching full-stack development with React, Node.js, MongoDB, and AWS
- Hosted office-hours covering homework assignments and projects

## Projects

### Thyme

#### SwiftUI • CoreData • CloudKit • Firebase • Plaid

Sep 2022 – Present

- Collaborating with two engineers to create a self-catered budgeting application
- Leading technical design for iOS frontend by architecting CoreData wrapper, repositories, and dependency injection methods with SwiftUI
- Improving developer experience by creating debugging tooling, such as services to allow observation of global CoreData changes and enabling SwiftUI previewing
- Created CI/CD pipelines using Xcode Cloud to automate app store releases
- Established BDD based testing patterns using ViewInspector and Mockingbird