

# Raymond Truong

✉ [ray@raytruong.dev](mailto:ray@raytruong.dev)

🌐 [www.raytruong.dev](http://www.raytruong.dev)

🐙 [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

## Skills

- 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, generates millions in revenue daily, and is rated at 4.9/5 stars
- Implementing and A/B testing features like native return flow, BOPUS, and order cancellation, with some generating over ~\$2.8 million in EBIT annually
- Improving CX and ads delivery by implementing features such as: configurable ad placement, New Relic alerting, and page load time optimizations
- Optimized performance on product feed, increasing product view rate by ~2.43% and increasing revenue per visitor by ~0.61%
- Led integration of product enticements and CMS, saving ~45 story points annually and streamlining launches of promotional events for content teams

### Mastercard

#### Software Development Engineer I

Remote • O'Fallon, MO  
Aug 2021 – Mar 2022

- Maintained Java 8 Spring Boot microservices managing chargeback data spanning global Mastercard network
- 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 using GitHub Actions for over 20 repositories to automate deployment of autograder images onto DockerHub
- Automated build process for 17 Java labs by onboarding 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
- Established BDD based testing patterns using ViewInspector and Mockingbird