

# Raymond Truong

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## EXPERIENCE

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### Engineer 2

Oct. 2023 – Present

*Nordstrom*

*Seattle, WA*

- Leading initiatives to manage technical debt by: onboarding Terraform, establishing new testing guidelines, and creating telemetry to monitor performance regression
- Designed the implementation of the team's first SwiftUI feature and established guidelines for integrating MVVM into existing architecture
- Implemented event-driven push notification scheduling using Kafka, DynamoDB, and AWS Lambda
- Created Splunk and New Relic dashboards for real-time data streams, providing crucial guidance to product teams throughout the inception of the Track The Truck feature

### Engineer 1

Apr. 2022 – Oct. 2023

*Nordstrom*

*Seattle, WA*

- Drove over \$20 million in annualized EBIT and enhanced search results by integrating Google Retail Search
- Developed features using Swift and UIKit including product returns, item cancellation, and Google Ad Manager native ads
- Resolved performance issues on product listing page, significantly improving the browsing experience for 200,000+ monthly iPad users
- Redesigned enticements feature, saving ~45 story points of development effort annually and reducing incidents

### Software Development Engineer 1

Aug. 2021 – Mar. 2022

*Mastercard*

*O'Fallon, MO*

- Maintained Java 8 Spring Boot microservices managing chargeback data
- Resolved defects and implemented business logic into an Angular 12 application
- Migrated 100,000+ transaction records to on-premises databases using Spring Batch

### Student DevOps Engineer

Sep. 2019 – Aug. 2020

*Purdue University*

*West Lafayette, IN*

- 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 the 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

*Purdue University*

*West Lafayette, IN*

- Taught two labs of 30 students alongside a team of teaching assistants for CS240, a course teaching C and C++
- Designed curriculum for CS390, a course teaching full-stack development with React, Node.js, and MongoDB
- Hosted office hours covering homework assignments and projects

## PROJECTS

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### Thyme | *Swift, SwiftUI, UIKit, CoreData, Firebase*

Sep. 2022 – Jul. 2023

- Collaborated with two engineers to create a custom budgeting application inspired by Mint and Copilot
- Designed SwiftUI architecture using patterns and tools including MVVM, Combine, and CoreData
- Established testing guidelines using ViewInspector, Mockingbird, Quick, and Nimble

## EDUCATION

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### Purdue University

West Lafayette, IN

*Bachelor of Science, Computer Science – GPA 3.72/4.00*

*Aug. 2018 – May 2021*

## SKILLS

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**Languages:** Swift, TypeScript, JavaScript, HTML/CSS

**Frameworks:** SwiftUI, UIKit, Vue, Node.js

**Developer Tools:** Git, Docker, New Relic

**Concepts:** CI/CD, Agile, SDLC, Pair Programming, Unit Testing, Integration Testing