

Raymond Truong

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EXPERIENCE

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 new experimental 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 custom native ads using Google Ad Manager
- 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 spanning global Mastercard network
- Resolved defects and implemented business logic into an Angular 12 application
- Migrated hundreds of thousands of transaction records 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

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
- Lead technical design for SwiftUI frontend using patterns and tools including MVVM, Combine, and CoreData
- Established testing guidelines using ViewInspector, Mockingbird, Quick, and Nimble

EDUCATION

Purdue University

Bachelor of Science, Computer Science

West Lafayette, IN

Aug. 2018 – May 2021

SKILLS

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