Raymond Truong

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Experience

Software Engineer Dec 2025 – Present
Apple *Seattle, WA*

- Develop features for Apple TV across all native Apple platforms, used by millions of households globally
- Implemented an autoplay engine that sequences all background-playing elements for smooth, predictable playback
- Built an autoplaying video collection for the Apple TV app, powered by the engine, with editorially programmable overlays and full-screen transitions to increase engagement and conversion on iOS
- Defined feature behavior and UX in behavior-driven development (BDD) specs instead of hand-coding rules, and structured the architecture so AI agent loops could test it, log errors, and record issues for review

iOS Engineer 2 Oct 2023 – Nov 2025
Nordstrom *Seattle, WA*

- Optimized scrolling on the product listing page, cutting app hang time by ∼11% and crash volume by ∼12%, which raised average order value by ∼2.51%
- Integrated the iOS Google Mobile Ads SDK to the iOS client, enabling ∼$2.5+ million in annualized ad revenue
- Migrated New Relic alerting and dashboards to Terraform, adding version control and change management
- Developed iOS shopping app features with UX designers and stakeholders to improve product discovery

iOS Engineer 1 Apr 2022 – Oct 2023
Nordstrom *Seattle, WA*

- Built in-app product returns and item cancellation, cutting transportation and care costs by ∼$4 million annually
- Implemented push notification scheduling for item arrivals using Kafka, DynamoDB, and AWS Lambda
- Drove $20 million+ in annualized EBIT and enhanced search results by integrating Google Retail Search
- Diagnosed and resolved iPad hangs on the product listing page that worsened as the item list grew, by eliminating redundant layout passes

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

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

Projects

Cinnamon | *Swift 6, SwiftUI, UIKit, Combine* May 2025 – Present

- Building an encryption-focused mobile application to track, budget, and plan personal finances
- Collaborating with a teammate to support automatic expense tracking via Stripe
- Separated the application into discrete libraries, improving modularity of the codebase
- Implemented a functional, reactive MVVM architecture using SwiftUI, UIKit, Combine, and Observation

Education

Purdue University West Lafayette, IN
Bachelor of Science, Computer Science – GPA 3.72/4.00 *Aug 2017 – May 2021*

Skills

Languages: Swift, TypeScript
Frameworks: SwiftUI, UIKit, Combine
Developer Tools: Git, Docker, New Relic, Terraform, Kafka, DynamoDB, AWS Lambda
Development Concepts: CI/CD, Agile, BDD, Unit Testing, Integration Testing, AI Agent Workflows