

# Katherine Palevich

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## EDUCATION

University of Washington – Seattle, WA

**B.S. Computer Science. Minor in Business Administration.**

**Expected June 2026**

GPA: 3.74

*Courses:* Intro to Algorithms, Data Structures and Parallelism, Software Design & Implementation, Intro to Data Management, The Hardware/Software Interface, Data Visualization, Computer Programming II, Foundations of Computing II

## EXPERIENCE

**iOS Software Developer Intern** | Experian

June 2024 – August 2024

- Implemented a new process to manage stateful Server Driven UI components more efficiently.
  - Reduced overfetching of API requests by 18%.
  - Utilized the Combine framework to publish new event types to subscribers. Each subscribed dashboard component then determines if the event type is relevant and refreshes its content accordingly.
  - Maintained granularity for when the entire dashboard content has become outdated and needs to be refreshed.
  - Praised by the Vice President of Engineering for my work, endorsed that the process needs to be replicated going forward in other parts of the app.
- Utilized Proxyman to understand GraphQL queries and manipulate queries for testing.
- Implemented XCTest framework to write unit tests and verify expected behavior.
- Collaborated with a full stack pod of 15 developers to develop features for the dashboard tab of the application.

**Netflix x Formation Fellow**

May 2024 – Present

- Dedicated 15 hours a week to collaborative coding sessions in Python, employing the Engineering Method for problem-solving and conducting pair code reviews to enhance code quality and communication.
- Engaged in mock interviews with senior engineers, focusing on algorithms and system design, leading to strengthened interview skills and technical proficiency.
- First Netflix Formation Fellow to be awarded the Rising Tide Award for outstanding collaboration out of a cohort of 50 students.
- Participated in Netflix's Pathways Summit, contributed to technical discussions and panels focused on pursuing a career in software engineering.

**Teaching Assistant** | UW CSE Direct Admit Student Seminar

Sept 2023 – Dec 2023

- Guided 26 CSE freshmen in discussions pertaining to academic success, career preparation, personal growth and well-being, extracurricular opportunities, and inclusivity.
- Collaborated with fellow TAs to organize and present lectures on popular CS topics to 360+ students.
- Attended weekly staff meetings, provided feedback on previous week's class and collaborated to create a new seminar segment.

## PERSONAL PROJECTS

[QuickCloset](#)

Sept 2020 – June 2021

- Wrote and published Apple iOS application using Swift. 1,200+ downloads.
- Virtual closet organizer and generates outfits based on certain user set criteria.
- Modeled user data using CoreData framework to allow data to persist between sessions.
- Implemented OpenWeatherMap API to display the user's current weather when choosing an outfit.
- Wrote a detailed specification before coding, including feature prioritization, detailed scenarios, and techstack research.
- Set weekly objectives and wrote retrospectives to keep track of progress. Learned to set realistic goals.
- Performed quarterly code reviews where I explained my project and coding process in a concise manner.

[Drive Buddy](#)

Sept 2021 – Jan 2022

- Wrote and published Apple iOS application using Swift, implements Core Data and MapKit framework. 100+ downloads.
- Student driver assistant app that records practice drives and keeps track of skills to practice in anticipation of a drive test.
- Implemented MKPolyline to draw the user's route live.
- Connected to the user's calendar to schedule practice sessions within the app.

## TECHNOLOGIES

Languages: Python, Swift, Java, SQL, HTML, CSS

Tools: XCode, Tableau, Git, GitHub, Proxyman, VS Code