

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, 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 – Present

- Developed a new system in the ViewModel to refresh only specific Views of the dashboard when the app receives events from the backend.
 - Reduced the number of API calls to from 8 to 0 for certain SSE events, and reduced the number to 1 for when a user completes an action that outdates a single dashboard component.
 - 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.
 - Enhanced capability of Server Driven UI by increasing reliance on the backend for when to display new content.
 - Maintained granularity for when the entire dashboard content has become outdated and needs to be refreshed.
- 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, employing the Engineering Method for problem-solving and conducting pair code reviews to enhance code quality and teamwork.
- 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 recognized for the Rising Tide Award for outstanding collaboration out of a cohort of 50 students.
- Attained a CodeSignal score of 534/600.

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. 1,150+ 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. 95+ 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: Swift, Java, Python, SQL, HTML, CSS

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