

# Matsvei Liapich

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## WORK EXPERIENCE

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### BRAD'S DEALS

iOS Engineer Intern

Chicago, IL

May 2024 – Sep 2024

- Built an internal deep-link launcher for engineering, QA, and design teams, replacing a manual workflow and enabling persistent, searchable navigation across thousands of app pages
- Designed a reusable Core Data persistence module powering filterable deep-link libraries with pinning, recent links, bulk editing, and shareable default link sets
- Implemented the launcher in SwiftUI embedded in a UIKit/MVC codebase via UIHostingController, using Combine pipelines with debounced search and Swift Concurrency for thread-safe persistence
- Developed Purchase History by combining ContentStack API data with Core Data persistence and lifecycle-based purchase tracking via app state transitions and local notifications
- Refactored 10+ duplicated pricing screens into a modular component system supporting multiple layout configurations
- Implemented Flagsmith feature flags for A/B experiments on UI layouts and participated in cross-platform code reviews within a 4-engineer mobile team

### LOCKEDIN

iOS Engineer/Founder

App Store

2023 – Present

- Integrated Apple Screen Time APIs (FamilyControls, ManagedSettings, DeviceActivity) to enforce system-level app blocking during focus sessions, including authorization flows and a custom shield extension
- Built a focus-session engine with Swift Concurrency coordinating Pomodoro intervals, pause/resume, notification rescheduling, Live Activity lifecycle, and HealthKit mindful-minute writes
- Shipped Lock Screen and Dynamic Island experiences with ActivityKit, WidgetKit, and an iOS 18 AppIntents control widget for launching directly into session creation
- Modeled sessions, tasks, and goals with SwiftData while persisting XP, streak, and settings state with @AppStorage/UserDefaults
- Instrumented onboarding experiments and payroll conversion with Firebase Analytics, Remote Config, and SuperwallKit, improving install-to-trial conversion by 30%
- Released across iOS, iPadOS, and watchOS, reaching 5K+ downloads in 100+ countries, a 4.7-star App Store rating, and \$1K+ revenue

### APPLE

Product Zone Specialist

Bridgewater, NJ

Jun 2025 – Present

- Awarded Employee of the Quarter for consistently high-impact customer experiences and team performance
- Ranked Top 3 in hero product sales while maintaining strong customer satisfaction and repeat engagement

## PROJECTS

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### CLARIFYLM

AI Screen Assistant for macOS

2025 – Present

- Built a native macOS AI assistant in SwiftUI that captures window, region, and full-screen content using ScreenCaptureKit and extracts context with Vision OCR
- Architected a modular AI backend layer enabling interchangeable model providers with streaming responses and structured prompt generation
- Implemented macOS-native interaction flows including menu bar access, global keyboard shortcuts, and persistent chat sessions via SwiftData

## EDUCATION

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### RUTGERS UNIVERSITY

B.S. Computer Science

New Brunswick, NJ

Expected May 2026

### RARITAN VALLEY COMMUNITY COLLEGE

A.S. Computer Science & Mathematics

Branchburg, NJ

Sep 2022 – May 2024

Magna Cum Laude, Phi Theta Kappa Honor Society

## TECHNICAL SKILLS

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Swift, SwiftUI, UIKit, Swift Concurrency, Combine, MVVM, URLSession, REST APIs  
Core Data, SwiftData, ActivityKit, WidgetKit, AppIntents, Vision, ScreenCaptureKit  
FamilyControls, ManagedSettings, Xcode, Git, Firebase