

# Noah Moller

Apple Platforms Developer & Founder

## PROFILE

17-year-old iOS engineer from Queensland with 4 years of Swift/SwiftUI and on-device ML. Swift Student Challenge '25 winner (top 350). Built Tremor Check (vocal tremor tracking for Parkinson's), VoiceHub (voice memos to any HTTP backend), Brain Buddy (focus via Screen Time API), CanvasKit (SwiftUI Apple Pencil canvas), and SlideUI (JSON-driven decks). Founder, Tetrax Technologies; College Captain, St Andrew's. Stack: Swift, Python, Core ML, SwiftUI, UIKit, AppKit. Open to collaborating on exciting projects that make a difference.

## EXPERIENCE

**Founder & CEO Tetrax Technologies; Sunshine Coast, QLD — 2023-Present**  
Building productivity tooling that helps humans be better humans.

**Digital Leader, Noosa Council & Peregian Digital Hub; Noosa, QLD — 2024-Present**  
Manage tech support desk assisting community members with technical issues. Provide patient, customer-focused guidance on software, devices, and digital tools.

**Digital Hub Cadet Mentor, Peregian Digital Hub; Noosa, QLD — 2023-Present**  
Mentor younger students in software development fundamentals. Teach design and coding principles to build their technical skills and confidence.

## EDUCATION

St. Andrews Anglican College; Peregian Springs, QLD — 2021–2026

## SKILLS

- **Technical:** Swift, SwiftUI, Core ML, HealthKit, Speech Analysis, TypeScript, Python; iOS, macOS, iPadOS, visionOS, watchOS
- **Interpersonal:** Customer Service, Community Support, Teamwork, Leadership, Public Speaking
- **Focus:** ML/AI, Productivity tooling, Healthcare, Education

## AWARDS

- Apple Swift Student Challenge Winner — 2025 (Top 350 worldwide)
- College Captain, St. Andrew's Anglican College — 2025/2026
- Top of Subject, Digital Technologies — 2023, 2024

Peregian Springs, Queensland, Australia  
noah@moller.com.au

## PROJECTS

- **Tremor Check** — Vocal tremor tracking for Parkinson's patients. Built with Swift, SwiftUI, Speech Analysis, and on-device ML. Winner of Apple's 2025 Swift Student Challenge.
- **VoiceHub** — Voice memo app routing recordings and transcripts to custom HTTP endpoints. Swift, SwiftUI, SwiftData.
- **Brain Buddy** — Study companion reducing digital distractions using Screen Time API. Swift, SwiftUI.
- **CanvasKit** — Open-source SwiftUI package for Apple Pencil canvases (document-style and infinite whiteboard). SwiftUI, PencilKit.
- **SlideUI** — JSON-driven slide decks in SwiftUI with themes and transitions, designed for AI agents.