Alex Spaulding

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EDUCATION

Bachelor of Science (BS) in Computer Science   *Mathematics Minor*

Eastern Washington University   Expected May 2027

- **Languages**: Swift, Objective-C, C/C++, JavaScript, TypeScript, Python, Rust, Java, Nix
- **Core OS & Systems**: macOS/iOS, reverse engineering, kernels, operating systems, runtime mods
- **Tools**: Xcode/xcodebuild, AppKit/SwiftUI, XPC, Unix, Makefile with custom targets, LLDB/Clang
- **Relevant Coursework**: C and UNIX Programming (CSCD 240), Algorithms (CSCD 320), Data Structures (CSCD 300), Cybersecurity Fundamentals (CYBR 101)

PROFESSIONAL EXPERIENCE

Information Technology Specialist

Eastern Washington University, Cheney, WA   Jun 2025 - Present

- Tier I remote support; logins/passwords, connectivity, software/hardware; Freshservice tickets; average resolution time 5–20 minutes

Information Technology (IT) Consultant

University of Montana IT Help Desk, Missoula, MT   Sep 2020 - Oct 2020 | Oct 2024 - Jan 2025

- Tier I phone support; printers; Wi–Fi; TeamDynamix; shadowing; monitoring; helped 20 people/week; closed 600+ tickets

PROJECTS

Apple Sharpener (137 ★) ☍   *GitHub* ☍

macOS Window/Dock Corner Radius Tweak   2024 - Present

- Universal builds (`x86_64`, `arm64`, `arm64e`); CLI · robust debugging
- Objective-C/AppKit method swizzling (corners/titlebar)
- Early runtime arbitrary code injection

macwmfx (43 ★) ☍   *GitHub* ☍

macOS Window Manager Effects Framework   2024 - Present

- Client–server: injected agent · XPC CLI
- JSON config; whitelist/blacklist; one-command `-reload`
- Configurable borders/transparency/blur/shadows

TintedThemingSwift ☍   *GitHub* ☍

Swift Package: Base16/Base24 Theming API   2024 - Present

- Cross-platform targets (iOS, macOS, watchOS, tvOS)
- Theme loading; network/local cache
- Semantic color API; composable theme maps

Whisperer ☍   *GitHub* ☍

Apple Watch Application (App Store submission in progress)   2023 - Present

- Secure proxy + client–server API (Vercel/NodeJS)
- Async/await streaming speech pipeline: Whisper STT and TTS
- GCD worker queues; UI updates on main
- Theming via TintedThemingSwift ☍ (Base16/Base24)

TintedMac ☍   *GitHub* ☍

macOS System-Wide Color Scheme Tweak   2025 - Present

- SwiftUI/AppKit theming via TintedThemingSwift ☍
- Opt-in tinting; TOML config; app filtering
- Base16/Base24 semantic mapping

For references, please contact me