Kyce Harper

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EDUCATION

University of California Riverside   **June 2028**
B.S. in Computer Science | GPA: 3.67   Dean's List Fall 2024, Spring 2025

TECHNICAL SKILLS

- **Languages:** C++, Swift, Python, SQL, C
- **Frameworks & Libraries:** SwiftUI, SwiftData, Core Data, OpenGL, ImGui, ImPlot, SQLite
- **Developer Tools:** Git, GitHub, CMake, Xcode, VS Code, Linux (CLI)

PROJECTS

LiftLog (iOS) – Minimalist Strength Tracker | Self-Initiated Product
- Migrated the data persistence layer to modern SwiftData, simplifying the data model architecture and leveraging key features like implicit thread safety and @Query property wrappers for efficient, real-time data flow in the SwiftUI interface.
- Developed the core 'Progressive Overload Cue,' dynamically calculating the user's maximum lift history to guide progress; implemented the full SwiftUI UI/UX for a focused, privacy-first, and high-performance user experience.

Arcane Dynamics (C++) | Real-Time Kinematics Visualizer (Hackathon)
- Developed a real-time 2D kinematics simulation and visualizer in C++, utilizing GLFW for windowing, OpenGL for rendering, and Dear ImGui/ImPlot for the immediate-mode GUI and synchronized data plotting.
- Employed a robust architecture, documented using UML, to ensure separation between the physics engine, rendering logic, and UI layer, while managing dependencies using CMake and Git Submodules.

RELEVANT EXPERIENCE

CutieHack | University of California Riverside Hackathon
Project Lead in a 12 hour Hackathon
- Led a two-person team in the 12-hour CutieHack 2024 to build DishCovery, an iOS meal generator. Managed all operations, defined UI/API integration tasks, and successfully delivered a functional Swift app that fetches, processes, and displays complex recipe data from an external API.

Google Cybersecurity Certificate | Coursera
Certificate
- Completed the Google Cybersecurity Professional Certificate; gained hands-on experience with SIEM, Linux, SQL, intrusion detection, and fundamental security operations (SecOps) for threat management and risk analysis.

WORK EXPERIENCE

Certified FOH & BOH Trainer, Chipotle   **Dec. 2024 - Present**
- Served as the certified FOH/BOH employee trainer, implementing structured training programs and documentation to standardize operational workflows. Conducted one-on-one mentorship, successfully transferring specialized knowledge and reducing the average time needed for new employees to achieve full productivity and adherence to quality standards.