Landon West

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EDUCATION

University of Utah   Salt Lake City, UT
Bachelor of Science in Computer Science   *Aug. 2022 – May 2026*
- GPA: 3.78/4.0
- Relevant Coursework: Algorithms & Data Structures, Software Practice, Discrete Structures, Human Centered Design, Computer Architecture, Algorithms, Web Software Dev, Data Analysis

EXPERIENCE

IT Specialist Intern   May 2023 – Present
University of Utah   *Salt Lake City, UT*
- Managed University's device inventory security across 10+ departments by verifying and documenting the usage status of 150+ machines
- Coordinated the retirement of 100+ obsolete Mac and Windows devices, ensuring secure data erasure and environmentally safe disposal
- Troubleshot user issues daily while maintaining a 24-hour response window for 10+ weekly cases, providing timely support to university leadership, physicians, research scientists, healthcare professionals, and administrative staff.
- Helped lead a successful network migration project for the University's printers to new ports and IP ranges within a 2-week span, improving future printer management
- Streamlined software installations for users by deploying custom computer images for every device, reducing setup time by 1 hour per machine
- Collaborated closely with internal staff and vendors to coordinate system upgrades, maintenance, and user support
- Utilized Microsoft Configuration Manager (SCCM), Windows Server Administration, Active Directory, Group Policy, and JAMF to manage supporting infrastructure and inventory reporting.

Kitchen Team Member   Oct 2021 – Jan 2022
Panda Express   *Riverton, UT*
- Prepared and cooked 3 different menu items for 100+ customers daily
- Managed nightly shutdown of the restaurant to prepare for the morning shift

PROJECTS

Uni! | *Swift, SwiftUI, SwiftData, Xcode, Canvas LMS REST API*   April 2024 – Present
- Developed an iOS application with Swift utilizing the Instructure Canvas API
- Implemented Data Models to give Users deeper insights into their grades
- Maintained a consistent UI/UX Experience throughout the entire app, front to back
- Worked with multiple threads to allows for background grade computation

Blackjack Educational App | *C++, Qt, Box2D, Team, Agile*   Oct 2023 – Dec 2023
- Developed a Blackjack game within a 6 member team using Agile/Scrum techniques
- Designed an MVC Architecture within the Qt Creator IDE for the team to follow
- Held weekly meetings to ensure steady progress within specified areas of the project
- Presented the final product, which received a score of 98, to an audience of 100+ students

Spreadsheet Editor | *C#, Visual Studio, .NET Maui, Testing*   Jan 2023 – Mar 2023
- Implemented a functional Spreadsheet Editor within the Visual Studio .NET Maui Environment
- Created a Formula Class that holds different values, cell dependencies, and calculations
- Included a bonus feature that allowed for addition/deletion of cell rows/columns
- Wrote 68 Unit Tests ensuring 99% Code Coverage

TECHNICAL SKILLS

Languages: Java, Python, C++, C#, Swift, SQL, Assembly (MIPS), HTML, CSS
Frameworks: .NET, SwiftUI, JUnit, GoogleTest
Developer Tools: GitHub, Docker, Qt, VS Code, Visual Studio, IntelliJ, Android Studio Eclipse, Xcode, Parallels