

Carlos Lespin

SOFTWARE ENGINEERING

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KEY COMPETENCIES

Software Design
Data Structures
Design Patterns

Web Development
Python, JavaScript, C++
SQL and noSQL Databases

Unit Testing
Test-Driven Development
Excellent communication skills

PROFESSIONAL EXPERIENCE

4Human Co

Dec 2023 - Present

Software Developer Intern

Web development, specializing in creating impactful websites for human rights advocacy in Africa using React, Express.Js, and AWS.

- Helped design and develop websites for human rights advocacy in Africa.
- Collaborated in the creation of Frontend components using React and TailwindCSS.
- Developed server endpoints using ExpressJs.

Transcore

Oct 2023 - Present

Product Support Technician

- Monitored and analyzed production systems, coordinating the dispatch of field service technicians.
- Addressed both software and hardware-related issues professionally with both internal and external customers.
- Recognized, researched, isolated, and resolved arising issues, escalating complex problems when necessary.
- Logged calls, maintained history records, and managed problem documentation.
- Ensured meticulous attention to detail in communication and system monitoring.

BYU-Pathway Worldwide

Aug 2021 - Sept 2022

Technical Support Specialist / DP Team

- Specialized in troubleshooting BYU's semester planning software, contributing to enhanced system performance and student user experience.
- Communicated effectively with students to understand their issues and provide timely, practical solutions.
- Collaborated closely with Technical Support and Development teams, ensuring accurate and efficient reporting of system bugs.
- Utilized strong problem-solving skills to identify and resolve technical issues, enhancing overall software functionality.
- Contributed to a team-based environment, promoting clear communication and effective problem-solving strategies.

Bluegreen Vacations

Jun 2019 - Jan 2020

Sales Representative

Presented to families who'd be interested in our various vacation programs, showing them properties, finding their needs, and negotiating with them on prices and contract terms.

EDUCATION & CERTIFICATIONS

Bachelors of Science: Software Engineering

Emphasis: Software Design & Web Development
Brigham Young University - Idaho

- **Computer Programming Certificate / BYU-I**
Algorithms and applied programming.
- **Software Design Certificate / BYU-I**
OOP Principles and Software Architecture.

PROJECTS

LockerHub - Flutter, Cloud Functions, Firebase

Built a mobile app prototype aimed at simplifying storage locker rentals. The app integrates user authentication, locker reservation, and secure locker access.

Timeshare Pro - Flutter

Built an iOS app with helpful tools for realtors who specialize in selling timeshares.