

Carlos Lespin

SOFTWARE ENGINEERING

+787-988-9447
carlos.lespin.silva@gmail.com
linkedin.com/in/calesi19/
carloslespin.com

KEY COMPETENCIES

Software Design
Data Structures
Design Patterns

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

Unit Testing
Test-Driven Development
Markdown & Documentation skills

PROFESSIONAL EXPERIENCE

4Human Co

Dec 2023 - Present

Software Developer Intern

New York, NY

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

- Helped design and create a good UX/UI experience for an e-commerce website.
- Collaborated in the creation of Frontend components using React and TailwindCSS.
- Developed server endpoints using ExpressJs, Prisma ORM, and PostgreSQL database.

Transcore

Oct 2023 - Jan 2024

Product Support Technician

Orlando, FL

- Monitored and analyzed Linux and Windows production servers, 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

Salt Lake City, UT

- Created a Python web scraper, boosting curriculum analysis efficiency by 10x.
- Specialized in troubleshooting BYU's semester planning software, contributing to enhanced system performance and student user experience.
- 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

Orlando, FL

- Presented to families who'd be interested in our various timeshare 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.
 - Extensive coursework experience with Python and C++.

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.

Temples API - Python, Django, HTMX, EC2

An API for information of temples worldwide.
Containerized using Docker.