

# Carlos Lespin

## Software Development

carlos.lespin.silva@gmail.com

787-988-9447

carloslespin.com

### PROJECTS

---

#### LockerHub

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

**Flutter, Cloud Functions,  
Firebase**

#### Degree Planner Scraper

Developed a Python scraper to evaluate a student's university degree planner and suggest corrections.

**Python**

#### Timeshare Pro App

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

**Flutter**

### PROFESSIONAL EXPERIENCE

---

#### TransCore

MMC Support Technician

**Orlando, FL**

*October 2023–April 2024*

- 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

Advisor/Technical Support (Degree Planner Team)

**Salt Lake City, UT**

*Aug 2021–Sept 2022*

- 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.

### EDUCATION

---

#### BRIGHAM YOUNG UNIVERSITY - IDAHO

Bachelor of Science in Software Engineering  
Emphasis on Software Design and Web Development.

**Rexburg, ID**

*Graduated 2023*

### ADDITIONAL SKILLS

---

- Knowledge of OOP principles, Design Patterns, and Data Structures.
- Unit Testing and Test-Driven Development.
- Experience with SQL and NoSQL databases.