

# Karol Espiritu

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## PROFESSIONAL EXPERIENCE

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### All Green Electronics March 2026 – Present

#### Gaming Peripheral Tester

- Inspected and tested gaming peripherals from brands including but not limited to Razer, SteelSeries, Glorious, and Pulsar, verifying key functions including DPI accuracy, connectivity, and button response.
- Logged tested products into company SQL database, capturing SKU, model, condition, and test results to maintain accurate inventory records.
- Prepared and packaged gaming peripherals to shipping standards and coordinated handoff to the shipping department, supporting timely order fulfillment.

### Esports Arena, CSUSB June 2025 – Present

#### Student Assistant

- Provided Tier 1 technical support for 18 high-performance gaming workstations, resolving hardware, software, and connectivity issues to maintain consistent uptime.
- Performed routine system maintenance, updates, and performance checks; tracked and managed IT inventory, assisting with hardware upgrades and installations.
- Managed and supported esports teams at the arena, overseeing team operations and coordinating competitive activities.

### Water of Life Community Church April 2016 – August 2025

#### Tech Student Team Lead

- Operated and supported audiovisual systems including digital soundboards, lighting consoles, and graphics software for live events and broadcasts; troubleshoot technical issues in real time under time-sensitive conditions.
- Led and coordinated tech team members, delegating responsibilities and collaborating with staff to document procedures and improve setup efficiency for recurring events.

## PROJECTS

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### HabitGotchi

#### Software Engineer & QA Engineer

- Built core gameplay and habit-tracking systems for a Kotlin-based Android app using MVVM architecture with Room and DataStore for offline-first data persistence.
- Developed Jetpack Compose UI components across five app screens; created and executed test cases, performed regression testing, and resolved defects via GitHub-based workflows.

### Linux Homelab & Infrastructure Project In Progress

#### Personal Project

- Refurbished legacy hardware with RAM/SSD upgrades; installed and configured Linux Mint as a dedicated server environment with SSH-based remote management.
- Designing a home NAS and media server; applying networking fundamentals (static IP, router management, network segmentation) and system hardening practices.

## EDUCATION

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### California State University of San Bernardino Graduation: May 2026

#### Bachelor of Science in Computer Science, Minor in Data Science

**Relevant Courses:** Machine Organization, Digital Logic, Contemporary Computer Architecture, Database Systems, Computer Graphics, Compilers, Machine Learning, Algorithm Analysis, Operating Systems, Networking and Security

## SKILLS

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**Technical:** Hardware & Software Troubleshooting, Windows OS, Basic Networking, System Maintenance, SQL, Git/GitHub, Android Studio, Jetpack Compose, Room Database, DataStore

**Support & QA:** Tier 1 IT Support, End-User Support, Documentation, QA Testing, Regression Testing, Inventory Management