



Matias Choi

Electronics Communications Equipment Installer

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SUMMARY

Electronics communications equipment installer with four years of hands on experience supporting fleet vehicles, motorcycles, and specialty vehicles. Installs, removes, mounts, routes, and tests radios, routers, **mobile digital computers**, antennas, cabling, grounding connections, and related electrical components. Uses wiring diagrams, color coded conductors, multimeters, hand tools, and power tools to complete secure installations and isolate basic power, connector, cable, mounting, and continuity issues. Maintains accurate **work orders**, installation records, equipment identifiers, material usage, test results, and **inventory spreadsheets**. Communicates technical concerns clearly with senior technicians, radio shop personnel, and vendors. Holds an active **California Class C Driver License** and works safely across regional facilities, changing vehicle configurations, flexible shifts, and physically active shop environments.

EXPERIENCE

Electronics Communications Equipment Installer

Westline Fleet Technologies 📅 March 2024 - Present 📍 Pasadena, CA

Supports mixed light duty and specialty fleet operations by installing communications hardware, documenting configurations, resolving basic faults, and coordinating technical questions with senior technicians and vendors.

- Installed radios, routers, mobile computers, antennas, brackets, and cabling across mixed **fleet vehicles**.
- Planned cable routes with wiring diagrams, color coding, **hand tools**, and **power tools** for serviceable installations.
- Performed functional checks and isolated basic power, grounding, connector, cable, and mounting faults.
- Updated work orders with **equipment identifiers**, configurations, materials, **test results**, and unresolved concerns.
- Maintained inventory spreadsheets for tools, connectors, cable, hardware, equipment, and installation materials.
- Coordinated technical questions with **senior technicians** and vendors during concurrent vehicle assignments.

Vehicle Electronics Installation Technician

Crestview Mobile Systems 📅 September 2022 - February 2024 📍 Burbank, CA

Completed commercial fleet equipment installations and removals while preparing vehicles, protecting interiors, documenting corrective actions, and supporting senior installers on complex assignments.

- Completed radio, mobile data, antenna, accessory power, and mounting system installations.
- Prepared mounting locations and verified electrical connection points before routing, drilling, or fastening.
- Used **multimeters**, crimpers, wire strippers, drills, drivers, and **hand tools** on vehicle systems.
- Diagnosed loose connections, damaged terminals, incorrect routing, protection device faults, and intermittent power.
- Tracked issued equipment and materials against assigned jobs, reconciling unused components in spreadsheets.
- Supported senior installers on complex configurations and regional fleet assignments with organized staging.

Junior Electrical Equipment Installer

Metro Signal Accessories 📅 October 2021 - August 2022 📍 Alhambra, CA

Built foundational fleet installation experience under established work instructions, developing safe practices for wiring, component mounting, **continuity checks**, documentation, and shop organization.

STRENGTHS

- 🔧 **Installation accuracy**
Cable routes, mounting points, and electrical connections were checked carefully, helping vehicles return with dependable equipment.
- 🔍 **Basic fault isolation**
Power, grounding, connector, and routing issues were separated quickly. Senior staff received clearer escalation notes.
- ♥️ **Documentation discipline**
Work orders captured identifiers, materials, tests, and open concerns. That record made follow up easier.
- 📋 **Inventory control**
Spreadsheet updates kept tools, cable, hardware, and equipment visible. Shortages surfaced before scheduled fleet work.
- 👉 **Safety focused teamwork**
Senior installers often relied on organized staging, careful lifting, and clean work areas during busy assignments.
- 🚗 **Vehicle adaptability**
Changing fleet layouts called for practical decisions around access, clearance, routing, and component placement.

SKILLS

Equipment installation

Equipment removal

Vehicle electronics Radios

Routers Mobile computers

Cable routing

[Basic troubleshooting](#) [Hand tools](#)

[Power tools](#) [Multimeter use](#)

[Work orders](#) [Installation records](#)

[Inventory spreadsheets](#)

[Safety practices](#)

LANGUAGES

English Native

Korean Proficient

MY CAREER



● Electronics Communications Equipment Installer at Westline Fleet Technologies (2.6 Years)

● Vehicle Electronics Installation Technician at Crestview Mobile Systems (1.4 Years)

● Junior Electrical Equipment Installer at Metro Signal Accessories (10 Months)

- Installed and removed basic electronic accessories and **electrical equipment** in fleet vehicles.
- Identified color coded wiring, prepared conductors, terminated **connectors**, and secured protective harness routes.
- Mounted electronic components with hand and power tools while checking clearance and attachment security.
- Performed continuity and power checks, escalating equipment faults beyond **installation level troubleshooting**.
- Recorded completed tasks, equipment identifiers, and material consumption on fleet work orders.
- Maintained orderly benches, tools, hardware, and job materials through consistent shop **safety practices**.

PROJECTS

Regional Fleet Communications Refresh 📅 2024

Supported a fleet refresh effort involving radio, router, antenna, cable, mounting, and documentation checks across changing vehicle configurations.

Mobile Computing Installation Workflow 📅 2023

Helped organize mobile computer installations through clearer staging, material tracking, wiring checks, and work order updates for commercial fleet vehicles.

LEADERSHIP & AWARDS

- Recognized by senior installation staff for dependable support during complex fleet vehicle assignments.
- Commended for accurate work orders, inventory updates, and orderly shop practices.
- Trusted with regional assignments requiring careful equipment handling and consistent installation quality.

EDUCATION

Certificate in Automotive Electrical and Electronics Technology

Pasadena City College 🎓 GPA: 4.0 📅 2021 📍 Pasadena, CA

Coursework: *Vehicle electrical systems, automotive electronics, electrical wiring, diagnostic testing*

CERTIFICATIONS

- California Class C Driver License 📅 2026
- Automotive Electrical and Electronics Technology Certificate 📅 2021

TECHNICAL SKILLS

- **Communications Equipment:** Radios, Routers, Mobile digital computers
- **Vehicle Systems:** Fleet vehicles, Motorcycles, Vehicle components
- **Electrical Testing:** Multimeters, Continuity testing, Power checks
- **Wiring Methods:** Color coded wiring, Cable routing, Grounding
- **Installation Hardware:** Antennas, Brackets, Mounting hardware
- **Hand Tools:** Crimpers, Wire strippers, Drivers
- **Power Tools:** Drills, Power drivers, Cutting tools
- **Documentation:** Work orders, Installation records, Test results
- **Inventory Control:** Inventory spreadsheets, Material tracking, Equipment identifiers
- **Safety Practices:** Shop safety, Safe lifting, Clean work areas
- **Troubleshooting:** Connector faults, Routing faults, Mounting faults
- **Vehicle Operations:** Light duty fleets, Specialty vehicles, Vehicle interiors

PROFESSIONAL AFFILIATIONS

- Automotive electrical and electronics technology community, Pasadena City College.
- Fleet communications installation teams supporting safe, reliable public service vehicle operations.

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST