Brandon Keller

Telecommunications Wire Technician

CONTACT

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📍 Chicago, IL

EDUCATION

Associate of Applied Science in Telecommunications Technology

City Colleges of Chicago | Chicago, IL | 2015

Certifications

Certifications

- BICSI Installer Level 1 – 2023
- OSHA 30-Hour Construction Safety – 2021

Completed company-led Fiber-to-the-Home (FTTH) upgrade training, 2025

LANGUAGES

- Fluent in Spanish and English

💼 PROFESSIONAL SUMMARY

Experienced Telecommunications Wire Technician with 10+ years in fiber optic, VoIP, and broadband system installation across urban and rural areas. Adept at troubleshooting complex telecom networks, ensuring compliance with safety codes, and optimizing signal strength for large-scale infrastructure projects.

💼 EXPERIENCE

Telecommunications Wire Technician   2018 - Now

AT&T Illinois, Chicago, IL

- Install and maintain copper and fiber optic cabling across diverse infrastructure, supporting over 4,000 commercial and residential accounts throughout the Chicago metro area.
- Diagnose service disruptions using OTDR and fusion splicing, reducing mean time to repair by 22% and improving network uptime.
- Coordinate with cross-functional teams to upgrade switching equipment and reroute traffic without customer interruption during large-scale transitions.
- Perform quality control and safety inspections on all completed installations, maintaining 100% compliance with NEC and local telecom regulations over a five-year span.

Junior Telecom Technician   2015 - 2018

Crown Telcom Services, Naperville, IL

- Supported field engineers with fiber trenching, vault access, and aerial cabling projects, ensuring adherence to site safety protocols in both residential and rural zones.
- Installed structured wiring in newly built apartment complexes, using BICSI standards for layout and termination.
- Recorded installation progress and submitted weekly technical reports for stakeholder visibility.
- Resolved customer escalations by identifying and fixing hidden cable faults, contributing to a 96% satisfaction rating.

⭐ SKILLS

Fiber optic splicing	★ ★ ★ ★ ★
VoIP system setup	★ ★ ★ ★ ★
Fusion splicers & OTDR	★ ★ ★ ★ ★
Signal testing	★ ★ ★ ★ ★
Central office wiring	★ ★ ★ ★ ★
RF interference mitigation	★ ★ ★ ★ ★