JULIAN MERCER

APPRENTICE ELECTRICIAN

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PROFESSIONAL SUMMARY

Fourth-year Apprentice Electrician in an inside wireman program, with 4+ years of paid field experience in commercial and industrial installs. Registered California apprentice who bends conduit, pulls wire, and terminates panels safely under journeyman supervision. On track for the journeyman exam.

PROFESSIONAL EXPERIENCE

Apprentice Electrician Sep 2023 - Present
Rosendin Electric, San Jose, CA

- Install EMT and rigid conduit, pull branch circuits, and terminate devices on a 220,000-square-foot data center shell under journeyman direction.
- Bend conduit for offsets, kicks, and 90-degree runs with fit-up accuracy that required little rework, as checked by the foreman.
- Terminate and label panelboards and switchgear feeders, and assist with torque verification to manufacturer specifications.
- Read electrical plans and one-line diagrams to lay out device boxes, and flag conflicts to the foreman before rough-in.
- Complete 900 hours of on-the-job training a year and 180 classroom hours at night, with passing marks in every apprenticeship term.
- Follow lockout/tagout and NFPA 70E procedures, with zero safety violations recorded on site.
- Run hot and cold checks on temporary power distribution each week and log results for the safety coordinator.

Electrician's Helper Mar 2022 - Aug 2023
Cupertino Electric, San Jose, CA

- Delivered material, set up pipe and wire pulls, and kept work areas clean and organized for three electrical crews.
- Drilled, fastened hangers, and installed boxes for lighting and power in tenant spaces, working from plan markups.
- Inventoried and restocked the job trailer weekly, which reduced material shortage delays for the crews.
- Earned selection into the apprenticeship program after passing the aptitude test and interview.

Electrical Department Associate Jun 2021 - Feb 2022
The Home Depot, Santa Clara, CA

- Helped contractors and homeowners select wire, breakers, and devices, and double-checked ampacity and code requirements with them.
- Managed inventory and shelf organization for the electrical aisles, including special-order wire and lighting products.

CORE SKILLS

Conduit bending (EMT and rigid) | Wire pulling | Panel and switchgear termination | Blueprint and one-line reading | NEC fundamentals | Lockout/tagout | NFPA 70E safety | Multimeter and megger use | Hand and power tools | Lighting and power rough-in | Circuit tracing and troubleshooting | Material takeoff basics | Job-site teamwork

EDUCATION

Inside Wireman Apprenticeship Certificate (in progress), Foothill College, Los Altos Hills, CA

CERTIFICATIONS

OSHA 30-Hour Construction | NFPA 70E Electrical Safety Training | CPR and First Aid, American Red Cross