



# Alejandro Ng

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## SUMMARY

Focused Electrician Technician with 5 years dedicated to optimizing industrial equipment performance while ensuring adherence to safety and quality standards. Experienced in both autonomous and progressive maintenance techniques that lead to enhanced operational efficiency. A collaborative team player, enhancing workplace morale and effectiveness through mentorship. Emphasis on continuous improvement and commitment to excellence drives measurable results in system reliability. Eager to contribute a strong technical foundation and problem-solving skills to further enhance operations. Ready to collaborate and bring practical solutions to the table at Snacks Corp.

## EXPERIENCE

**Electrician Technician** June 2021 - Present  
Tech Solutions Inc. Chicago, IL

- Current role involves operating and maintaining various industrial machines while upholding AM and PM standards. Additionally responsible for fostering collaboration among coworkers to uphold safety measures and discover opportunities for improving processes.
- Operate diverse industrial machines with diligence for AM and PM compliance, enhancing productivity and system reliability.
  - Achieved a zero-accident record over the past year by collaborating closely with team members to identify safety risks.
  - Conducted thorough inspections of machinery, significantly reducing downtime and elevating overall operational efficiency.
  - Implemented stringent quality assurance protocols, which resulted in heightened product quality and increased customer satisfaction.
  - Utilized advanced troubleshooting skills to swiftly address mechanical issues, thus minimizing production outages.
  - Trained newcomers in safe operational and maintenance techniques, nurturing a shared culture of safety within the team.

**Electrician Technician** May 2018 - May 2021  
Power & Light Co. Chicago, IL

- Preceding experience included independently managing manufacturing equipment oversight, focusing on reaching key objectives related to safety and production metrics tremendously.
- Independently managed and maintained equipment, consistently hitting operational targets for safety and productivity.
  - Created targeted maintenance schedules, leading to significant improvements in equipment reliability and lowered service costs.
  - Worked closely with diverse teams to tackle performance challenges, ultimately boosting workflow harmony.
  - Engaged actively in continuous improvement initiatives resulting in optimized procedures and diminished waste.
  - Provided ongoing support to junior technicians through coaching, simultaneously enhancing their practical skills.
  - Documented all maintenance activities closely, aiding effective decision-making through accurate reporting.

## LEADERSHIP & AWARDS

- Recognized Employee of the Month for outstanding safety compliance and teamwork at Tech Solutions Inc.
- Awarded Best Performance for lowest equipment downtime at Power & Light Co.

## EDUCATION

**Diploma in Electrical Technology** 2021  
Chicago Technical Institute GPA: 3.8 Chicago, IL

**Coursework:** Circuit Theory, Industrial Wiring, Electrical Safety, Automation Systems

## CERTIFICATIONS

- Certified Maintenance & Reliability Technician (CMRT) 📅 2022
- OSHA Safety Certification 📅 2021

## TECHNICAL SKILLS

- **Maintenance Tools:** Wrenches, Screwdrivers, Multimeters
- **Testing Equipment:** Oscilloscopes, Circuit Tracers, Megohmmeters
- **Software Tools:** AutoCAD, CMMS, SAP
- **Compliance Standards:** ISO 9001, OSHA, NEC

- **Automation Systems:** PLC Programming, HMI Development, SCADA Systems
- **Safety Protocols:** LOTO, Risk Assessments, Safety Audits
- **Monitoring Systems:** IoT Devices, Performance Measurement
- **Industrial Equipment:** Conveyors, Fans, Pumps
- **Electrical Safety:** Voltage Testing, Lockout Procedures
- **Team Management:** Training, Performance Reviews, Conflict Resolution

SKILLS

- |                         |                             |                                   |                               |
|-------------------------|-----------------------------|-----------------------------------|-------------------------------|
| • Equipment Maintenance | • Technical Troubleshooting | • Troubleshooting Techniques      | • Interpersonal Communication |
| • Safety Compliance     | • Quality Assurance         | • Industrial Equipment Operations | • Regulatory Standards        |
| • Problem Solving       | • Process Optimization      | • Loss Reporting                  | • Machinery Operation         |
| • Team Collaboration    | • Preventative Maintenance  | • Coaching Skills                 | • Workplace Safety            |

PROFESSIONAL AFFILIATIONS

- Member of National Electrical Contractors Association (NECA), showcasing commitment to industry standards.
- Active participant in local safety workshops, enhancing knowledge of best practices.

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST