Tyler Ross

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# SKILLS

## Programming & Tools

* **Languages:** Python, SQL, HTML, JSON, Java Script
* **Libraries & Frameworks:** TensorFlow, Pandas, NumPy, Matplotlib, Scikit Learn
* **Data Visualization Tools:** Tableau, Power BI
* **Project Management Tools:** Jira, Git

## Data Analytics & Management

* Data Manipulation & Collection
* Relational Databases & Data Management
* Statistical Data Analysis
* Business Analytics & Data Science

# EDUCATION

## Bachelor of Science in Data Science

### University of Maryland Global Campus | Adelphi, MD March 2021 — December 2025

* Maintaining a 3.95 GPA while mastering data analysis, algorithm design, relational databases, and statistical techniques.

## Electrical Apprenticeship

### IEC Wichita Chapter | Wichita, KS August 2019 — May 2021

* Was top of the class and recognized as “Apprentice of the Year” for technical excellence and dedication.

# EXPERIENCE

## Journeyman Electrician

### D&N Electric | San Diego, CA July 2021 — October 2023

Design, install, troubleshoot, and repair electrical systems, ensuring compliance with NFPA 70 (NEC) standards for over 500 projects.

* Utilized data-driven insights to improve operational efficiency. Reducing job times up to an hour by identifying and resolving issues through root cause analysis and data collection from job site metrics.
* Successfully diagnosed and resolved a complex issue with a commercial freezer after five other electricians from three companies failed to identify the root cause, showcasing exceptional troubleshooting and diagnostic abilities.
* Led a $50,000 redesign of a church sanctuary lighting system, creating customizable presets that increased functionality and reduced energy consumption by 70%.
* Conducted quality assurance checks, improving inspection pass rates by 30% and reducing rework time by 15%.
* Trained and mentored two apprentices, enhancing team productivity and ensuring adherence to safety protocols.

## Supervisor

### Village Inn | Wichita, KS December 2010 — July 2021

Led a team of up to 14 employees, managing daily operations, schedules, and customer service metrics, applying data analysis to optimize workflow and productivity.

* Reduced inventory waste by 18% by analyzing trends in customer traffic and adjusting stock levels accordingly.
* Monitored daily sales against employee labor costs to maintain optimal profit margins, implementing break schedules to improve efficiency when profit percentages dipped below target thresholds.
* Trained 8 new employees, resulting in a 95% retention rate over 5 years.
* Conducted monthly performance evaluations, leading to a 15% improvement in employee retention over three years.

# CERTIFICATIONS

* Google Data Analytics Certification (Coursera)
* AWS Educate Introduction to Cloud 101 (AWS)

# KEY STRENGTHS

* Expertise in data science and business analytics tools and techniques.
* Strong analytical mindset with a proven ability to learn and adapt independently.
* Background in diverse industries, showcasing leadership, versatility, and teamwork.