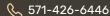


# Ernest SANDOVAL

Manufacturing Data
Analyst



# CONTACT



e.sandoval@email.com

O Beltsville, VA



# **EDUCATION**

2020 - 2021

**Certified Data Analyst (CDA)** 

**Data Science Certification Institute** 

2014 - 2018

**BS in Industrial Engineering** 

Virginia Tech, Blacksburg, VA

- GPA: 3.7/4.0
- Recipient of the Engineering Excellence Scholarship



# **AWARDS**

Received the "Innovative Process Improvement" award for implementing a data-driven approach to streamline production at InnoTech Manufacturing Solutions, 2023.



# PROFESSIONAL SUMMARY

Proficient in data analysis, statistical modeling, and process optimization, seeking to apply expertise in driving insights and efficiency in the manufacturing sector. I enjoy participating in industry-focused hackathons, experimenting with emerging data analysis tools, and mentoring aspiring engineers and analysts.



# **EXPERIENCE**

# **Manufacturing Data Analyst**

2021 - Now

# InnoTech Manufacturing Solutions, Beltsville, VA

- Devise predictive maintenance models, decreasing machine downtime by 18% and resulting in annual savings of 0,000.
- Lead a cross-functional team in implementing a real-time production monitoring system, improving overall equipment effectiveness (OEE) by 12%.
- Automate data reporting processes, reducing reporting time by 60% and enhancing data visualization for stakeholders.

# **Quality Assurance Analyst**

2018 - 2021

# Precision Engineering Dynamics, Charlottesville, VA

- Spearheaded the development of a data-driven quality control system, reducing defective product incidents by 22%.
- Collaborated with suppliers to optimize inventory management, leading to a 30% decrease in delivery discrepancies.
- Analyzed customer feedback data to identify trends, contributing to a 17% increase in customer satisfaction scores.

# \*

#### **SKILLS**

Data Visualization (Tableau, Power BI)	****
Statistical Analysis (R, Python)	****
SQL Database Management	****
Predictive Modeling	****
Lean Six Sigma Methodologies	****
Supply Chain Analysis	****
Root Cause Analysis	****