DONALD TUCKER

donald@dtucker.xyz | LinkedIn

Industrial Engineer with manufacturing experience harnessing data analysis and lean principles to drive process improvements initiatives. Skilled in data visualizations, data mining, and statistical analysis to communicate insights to cross functional teams. Enabling data driven decisions.

Skills

Exploratory Data Analysis, Regression, Machine Learning, Process Improvement, Capacity analysis, Data Viz

Experience

LOCKHEED MARTIN

11/2022 – Present

Industrial Engineer Mgr, LOCKHEED MARTIN- AERO F35

Manager leading a team of 17-20 Industrial Engineers to develop metrics, data analytics, process improvement opportunities, resources allocation, and constraint mitigation plans.

- Implemented AI/ML Capstone Project forecasting production spans, reduce error from week to 2 days using XGBoost
- Led multiple Cost and Schedule Impact analysis
- Team skills development

10/2019 – 11/2022

Industrial Engineer Asc Mgr, LOCKHEED MARTIN- AERO F35

IE Asc Manager leading team of 8-12 production floor Industrial Engineers to develop metrics, data analytics, process improvement opportunities, resources allocation, and constraint mitigation plans.

10/2017 – 10/2009

Industrial Engineer Stf - Industrial Engineer Asc, LOCKHEED MARTIN- AERO F35

Technical Lead Industrial Engineer role leading the integration of functional IE solutions by analyzing and developing production plans and monitoring production health metrics.
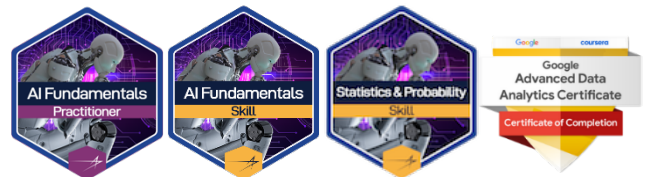
Education

5/2012

MS Industrial Engineering, NEW MEXICO STATE UNIVERSITY

12/2008

BS Industrial engineering, UNIVERSITY OF TEXAS AT EL PASO

Certifications

- **AI FUNDAMENTALS SKILLS BADGE AND PRACTITIONER BADGE**
- **GOOGLE ADVANCED DATA ANALYTICS CERTIFICATE**
- **STATISTICS AND PROBABILITY FOR PYTHON - LM SKILLS BADGE**
- **AI FOR PREDICTIVE MAINT ANOMALY DETECTION CERTIFICATE**

Software

Python, Tableau (Portfolio), SQL, Business Objects, Power BI, SAP, ECM, MAP, CAPP, ETS, MATLAB, Minitab, Process Simulator, Pro/Engineer, Solidworks, IntelliCad, DraftSight, Qlikview, HTML, CSS