Nick Seah

Industrial Engineer/Data Scientist

Contact

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Skills

Python
SQL
Machine Learning
MATLAB
Tableau
Dash
Any Logic Simulation
Javascript
Production Control
GitHub
PowerBI
Materials Resource Planning
Project Management
Alteryx
Root Cause Analysis
Snowflake
SOP Creating/Implementation
JDA Supply Chain Planning
WMS
SAP
MS Access
MS Project
Spark

Industrial Engineer with 3+ Years of experience. Spearheaded a continuous improvement program using PowerBI, SQL, Python, and lean six sigma principles resulting in a 55% decrease in safety incidents, a 10% improvement in Absolute Piece Accuracy, and 99.5 % on-time delivery.

Education

2021-01 - 2022-12

Ph.D.: Data Science, Engineering And Analytics (Partial)

Arizona State University - Tempe, AZ
GPA: 3.8
Courses Completed: Statistical Data Mining, Design of Experiments, Data Visualization, Stochastic Operations Research, Data Science for System Informatics

2016-08 - 20202

Bachelor of Science: Industrial Engineering

Arizona State University - Tempe, AZ
3.2 GPA

Personal Projects

Machine Learning Interactive Web Application

Self Employed Web
- Developed a Python based application to predict NBA All-Stars (97% Accuracy).

Work History

2022-02 - Current

Supply Chain Analyst

Leslie's Pool Supply, Phoenix, United States
- Built a comprehensive PowerBI suite of reports to visualize, track and monitor supply chain KPIs.
- Developed a python script to automate store delivery notifications reducing time spent by 75%.
- Led the transition of supply chain reporting into Snowflake by identifying data sources and establishing standardized and efficient processes to reduce waste from supply chain reporting.

2021-08 - 2021-12

Information Systems Engineering Teaching Assistant

Arizona State University
Taught SQL and relational database design to a class 100+ Industrial Engineering undergraduate students.

2021-05 - 2021-08

Graduate Student Researcher

Intel/Arizona State University
- Developed a Digital Twin simulation using AnyLogic, Python, and Javascript to run experiments to maximize throughput and run what-if scenarios.

2020-05 - 2021-05

Graduate Student Researcher

National Science Foundation/Arizona State University
- Developed a multi-population COVID-19 simulation model to guide intervention efforts in Arizona

Certifications

Machine Learning Fundamentals - Dataquest
Lean Six Sigma Green Belt - Arizona State University