# Nick Seah

*Industrial Engineer With A Focus In Data Science/Analytics*

Lean Six Sigma certified Industrial Engineer with a focus in Data Science/Analytics and Simulation. 4+ years of experience spearheading metrics driven process improvement initiatives.

## Contact

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## Skills

Python
MySQL
Machine Learning
MATLAB
Tableau
Dash
Heroku
Any Logic Simulation
Javascript
Advance Excel
GitHub
Process Improvement
PowerBI
Snowflake
Microsoft SQL Server
Supply Chain Analytics
Alteryx
Microsoft Access
Query Writing
Process Improvement

## Education

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|---|---|
| 2021-01 - 2022-01 | **Ph.D.: Data Science, Engineering And Analytics DROPOUT**<br>*Arizona State University - Tempe, AZ* |
| 2016-08 - 2020-12 | **Bachelor of Science: Industrial Engineering**<br>*Arizona State University - Tempe, AZ*<br>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

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|---|---|
| 2022-02 - Current | **Supply Chain Analyst**<br>*Leslie's Pool Supply, Phoenix, United States*<br>• Developed a labor model to determine staffing requirements throughout the supply chain.<br>• Built a comprehensive PowerBI suite of reports to track and monitor supply chain KPIs.<br>• Led the transition of supply chain data from physical hard drives into Snowflake.<br>• Utilized the Random Forest algorithm to budget retail and ecommerce shipments.<br>• Automated supply chain reporting using Python. |
| 2021-08 - 2021-12 | **Information Systems Engineering Teaching Assistant**<br>*Arizona State University*<br>Taught SQL and database architecture to a class 100+ undergraduate students. |
| 2021-05 - 2021-08 | **Graduate Student Researcher**<br>*Intel/Arizona State University*<br>• 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**<br>*National Science Foundation/Arizona State University*<br>• 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