

AAYUSH SHARMA

3rd Year Engineering Student

EDUCATION

2017 - 2022 • University of Waterloo
Mechatronics Engineering

EXPERIENCE

Bombardier Aerospace - Toronto,ON

January 2020 - April 2020

Plant Engineer

- Identified Tools of High Criticality used by Production, using data from SQL Database and analyzing data using Power Visualization Tools (PowerBI).
- Implemented a Tool Control Preventative Maintenance Process from scratch, for all these Critical Tools in EAM/CMMS Software (IBM Maximo), across different departments.
- On Track to Reduce Maintenance Costs due to downtime by 20-40%

Hubhead Inc. - Toronto,ON

May 2019 - August 2019

Asset Management Data Analyst

- Collaborated with Reliability Engineers at Shell and other asset intensive Companies from other industries (Mining, Railways etc.) to clean and analyze their Maintenance Database extracted from SAP/Maximo.
- Developed Algorithms in Excel (VBA) for strategising Vendor Communications on behalf of our clients, to Create updated Preventative Maintenance Plans for their Equipment and assets present on Site.

IKO Industries - Brampton,ON

September 2018 - December 2018

Reliability Engineer

- Achieved clean Migration of data from older EAM/CMMS System (JDEdwards), to new EAM/CMMS System (Maximo), using data extraction from SQL Database.
- Created Excel-coded workbooks to update Bulk Data in Maximo, to automate data collection in EAM System, thereby accelerating the whole process by 40%.

F&P Manufacturing Inc. - Tottenham,ON

January 2018 - April 2018

Motor Vehicle Machine Operator

- Involved in Quality Assurance of manufactured automotive Components, for key OEM'S (Toyota, Honda, Tesla).
- Implemented 5S, LEAN, and Six Sigma Methodologies for increasing the overall efficiency of the production line, across multiple departments (Stamping, Welding, Hydro-forming, Painting etc.)

SKILLS

Maximo

SQL

Siemens NX

SAP

VBA

MATLAB

AutoCAD

SolidWorks

Python