



ISHAN JUNEJA

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Career Objective:

To work & grow in an unrestricted environment where I can utilize my expertise along with new learnings & challenges attaining suitable position.

Tools Skills:

- R Programming (R Studio)
- Python
- Microsoft Power BI
- SolidWorks
- SolidWorks Composer
- AutoCAD
- VBA Macros- Excel and SolidWorks
- SQL (SSAS)

Techniques:

- Support Vector Machine (SVM)
- Artificial Neural Networks (ANN)
- Web Scrapping
- Data Clustering
- Regression Modelling
- Data Classification
- VBA Macros
- Process Optimization

Management Skills:

- Project Management
- Team Lead
- Team Coordinator
- Scrum Master

Curriculum Vitae - Ishan Juneja

Profile Summary:

Data scientist with experience of implementing artificial intelligence and data mining techniques and CAD tools to cleanse, analyze and extract useful information from large amount of data and technical drawings.

Experience in automation of templates and CAD applications using VBA Macros.

Aiming to work in an organization where my designing and analytical skills can be used and improved drastically.

Work History:

ABB Global Industries & Services Pvt. Ltd., Bangalore (India)

R & D Associate Engineer (Product Data Specialist)

December 2017 onwards

Job Description:

- Development of analyzer using R packages and functions to analyze the Key Performance Indicators for data related to Service Industry.
- Development of workflow to connect SQL server to R for import and export of data from data base (ODBC Connection).
- Using numpy, pandas, scikit-learn package for Linear Regression, Non linear regression, Logistic regression (Classification), SVM, Agglomerative Clustering and K Means Clustering of data.
- SQL queries to update and compare the data from two tables (V Lookup in SQL)
- Familiar with SSAS (SQL Server Analytics Service) for Power BI Report generations directly from database
- Development of User Interface (Application) using Shiny Package for KPI Analyzer.
- Using R, Python, Data Mining Techniques, Advanced Excel functions and VBA Macros to analyze and extract patterns or useful information from large amount of data.
- Using Python Scripts to automate processes of copying, deletion of large number of files from one folder to another.
- Web Scrapping Model to fetch product details from E-commerce websites using R and Python scripts.
- Project Manager for the key projects in team.
- International Exposure (Poland) for the key project meetings.
- Extraction of Real Time Images from Technical Drawings using CAD tools – SolidWorks.
- Responsible for automation of various team processes using Excel VBA Macros. Automating the SolidWorks 3D Modelling processes using SolidWorks VBA Macros.
- Team Coordination: Responsible for conduct of Knowledge Transfer sessions and Team trust and coordination building activities like Day outings etc.
- Team Lead: Responsible for handling a team of 4-5 members for multiple projects assigned simultaneously.

Curriculum Vitae - Ishan Juneja

Education:

- Master of Technology (Production & Industrial Engg.) from PEC University 2017.
- Bachelor of Technology (Mechanical Engg.) from Punjab Technical University 2015.
- Senior Secondary (Non-Medical) from CBSE in 2010
- Matriculation from CBSE 2008

Certificates:

- Certificate in SolidWorks Associate from CAD Design Solutions, 2015.
- Certificate in AutoCAD Associate from RICCS Computer Education, 2010

Personal Details:

Father's Name: S.K. Juneja
Date of Birth: 27 March 1993
Marital Status: Single
Hobbies: Travelling, Music
Languages: English, Hindi.
Passport No.: M 5847670
Expiry Date: 01/02/2025
Address: #205-A, Anjaneya Anugraha Apartment, Hagadur Main Road, Immadihalli, Whitefield, Bangalore-560066.

Lovely Professional University, Phagwara (India).
Assistant Professor
July 2017 - November 2017

Job Description:

- Responsible for teaching students in the subjects of Power Plant Engineering and Automobile Engineering (Thermodynamics expertise)
- Providing Guidance to students for innovation and motivation to fabricate new projects related to Mechanical Engineering topics and advancements .
- Motivate Students towards their future ambitions and goals.

Altruist Technologies Pvt. Ltd., Shimla (India).
Business Development Executive / Content Creator
April 2013 – September 2013. (Part-time)

Job Description:

- To form business tie-ups with multiple companies for recruitment purposes and analyzing and rectifying the data

M/s HMG High Tech Tyre Machinery, Ludhiana (India).
AutoCAD Drafter (Trainee).
December 2010 - June 2011.

Job Description:

- To provide layouts, general arrangements and detailed technical drawings of machines, parts and tyre products generated via AutoCAD.

Key Projects:

ABB Global Industries & Services Pvt. Ltd., Bangalore (India)
Data Mining Approach for Predictive Analysis
January 2017 – April 2017
Tools Used: R & R Studio

Overview:

- Bearing Condition Monitoring using Classification Approach
- Model for predicting the occurrence of a critical event based on the frequency of another event
- Model for predicting the time difference and recreating a missing event.
- Operational Support to SIU Remote Service Unit

Key Techniques and Approaches:

- Artificial Neural Networks as Classification Model
- Linear Regression and Random Forest technique for cross model comparison
- Support Vector Machine for Bearing Condition Monitoring
- Shiny: Web Application Framework for R to build user Interface