VEENA SURESH KUMAR

CONTACT

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- Singapore

SKILLS

- Data Analysis
- Data Annotation
- Microsoft Office Suite applications
- Project Management
- AutoDesk AutoCAD
- AutoDesk Revit
- Tableau
- Relational Database Management System (RDBMS) - SQL Query
- BCA Green Mark Evaluation
- BIM Modelling

EDUCATION

SQL – A Practical Introduction For Querying Database

IBM Business Intelligent (BI)Analyst Professional Certificate

2024 -2024

Diploma in Mechanical Engineering (Green Building Technology)

BCA ACADEMY - Braddell Rd, Singapore

2019-2023

BCA Foundation Program

BCA ACADEMY - Braddell Rd, Singapore

2018-2019

GCE 'O' Level Certificate Equivalent (SSLC)

Kendriya Vidyalaya IISC - Bangalore, India

2016-2017

WORK EXPERIENCE

Project Engineer

XJERA LABS PTE LTD (INTERNSHIP)   2020-2022

- Perform statistical analysis on large amount of data to discover underlying patterns and trends.
- Annotated various types of datasets such as persons, places or firm names to aid machine learning models in categorizing.
- Analysed various types of leather categories by examining it's images to spot and ensure there are no defect such as tears, holes or flaws.
- Marking up dataset with attributes wanted for machine learning system to learn to recognize by labeling, tagging, transcribing, or processing it.
- Locate, label and categorize various elements in large textual and image/video datasets.
- Implement annotation procedures to achieve consistent annotation to detect defects in order to improve product quality.
- Summarize and document weekly tasks in the E-log to update progress to Supervisor.
- Reported back to instructor to receive day-to-day tasks and responsibilities.
- Collaborated with team members to achieve target results.
- Report and document issues with annotation tools and processes.
- Provide feedback for efficient labeling and to improve data quality.

PROJECTS

Green Mark Manager (GMM)

BCA ACADEMY - Braddell Rd, Singapore

To improve a building design to achieve a Higher Green Mark rating within the approved budget. As part of this project:
- Understand BCA Green Mark criteria.
- Analyse and Calculate Green mark points to evaluate the environmental impact and performance of a building.
- Provide reasoned advice on design improvements.
- Calculate the energy, water and operational cost savings, cost increment for improvements and return on investment.
- Documented the calculations and evaluated result in word document for stakeholders.
- Prepared Graphs and Charts to visualize findings.
- Presented the findings using powerpoint slides to the stakeholders.

Interdisciplinary Virtual Design and construction Project (IVDCP)

BCA ACADEMY - Braddell Rd, Singapore

To create a mechanical system in Building Information Modelling (BIM) focusing on:
- Created 3D Models for HVAC, MEP (Electrical, lighting and power, plumbing and fire protection system) using AutoDesk Revit.
- Collaborated with cross functional team members on various aspects of the project.
- Lead the mechanical and green technology wing for the project and assigned various tasks to project team members for workload distribution.
- Prepared project report and presentation for Project.