

AKSHAY BHASIN

DATA SCIENCE

EXPERIENCE

Applications Designer II | Automated Logic Corporation

APR 2020 - JUN 2020, MISSISSAUGA, ON

- Designed Building Automation Systems (BAS) based on client requirements and ASHRAE standards for Medium to Large projects (\$200K to \$2 million).
- Supported external design teams in developing energy efficient sequences of operations.
- Managed engineering project budgets of up to \$2 million.
- Developed Human Machine Interface graphics for BAS for data visualization and plant monitoring.

Applications Designer I, Automated Logic Corporation

JAN 2018 - APR 2020, MISSISSAUGA, ON

- Designed Building Automation systems based on client requirements and ASHRAE standards for small projects (less than \$200K).
- Directed design requirements and technical support to internal cross-functional teams, including sales, engineering and operations.
- Managed design documentation and maintained revision control at all project stages.

EDUCATION

BrainStation | Diploma Candidate, Data Science

JUL - SEP 2020, ONLINE

Data Fundamentals
Analysis for Data Science
Machine Learning
Big Data

University of Toronto | Certificate, Project Management

MAY 2019 - APR 2020, TORONTO, ON

Foundations of Project Management
Leading Projects in Organizations
Project Implementation and Control

University of Ottawa | B.A.Sc. Mechanical Engineering

SEP 2008 - APR 2012, LONDON ON

CERTIFICATES

Certified Associate in Project Management (CAPM, #2647976)

Engineer In Training (EIT)

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SKILLS

Databases (SQL)

Programming (Python, R)

Neural Networks (Tensorflow, Keras, Pytorch)

Data Visualization (Tableau, Matplotlib, Plotly, Bokeh, Seaborn)

Statistics (Hypothesis Testing, A/B tests, Regression)

Big Data (AWS and Hadoop)

Machine Learning (Supervised and Unsupervised, Sci-kit Learn)

Microsoft Visio

Microsoft Office Suite

PROFILE

I am a Mechanical Engineering Graduate with experience in Project Management and Building Automation. I am seeking to transform my career and pursue Data Science. Many businesses collect vast amounts of useful data. Understanding how to analyze this data, wrangle it, visualize it, and use it to predict desirable (and undesirable) outcomes is paramount to a business's success. I want to help leverage this data as an expert.

PROJECTS

Project Owner | BrainStation

Capstone Project

JUN 2020 - PRESENT, TORONTO, ON

Developing and analyzing supervised ML models to predict win/loss in a game called League of Legends, for the game character Nasus, using player match history data from the game developer's API.