

Himanshu Rao

Linkedin| Github | Portfolio
(437) 988-9899 | himanshurao8999@gmail.com

EDUCATION

UNIVERSITY OF WINDSOR

MASTER OF APPLIED COMPUTING
May 2024 | Windsor, ON
Cum. GPA: 7.9

GALGOTIAS UNIVERSITY

BACHELOR OF TECHNOLOGY IN
COMPUTER SCIENCE
May. 2021 | Uttar Pradesh
Cum. GPA: 7.8

COURSEWORK

GRADUATE

Introduction To Data Science
Data Analytics and Visualization
Advanced System Programming
Machine Learning
Information Theory
Internet of Things

UNDERGRADUATE

Programming in Python
Object Oriented Programming in C++
Data Structures And Algorithms
Programming In Java
Data Science And Big Data Analytics
Data Warehousing And Data Mining
Information Storage And Management
Database Management Systems
Management Information Systems
Operating Systems And Linux
Design And Analysis of Algorithms
Principles Of Cloud Computing
Probability And Queuing Theory
Discrete Mathematics
Computer Networks

SKILLS

TECHNICAL

Python • Java • C++ • DJANGO • SQL •
MongoDB • Hadoop • Hive • PySpark •
AWS • Azure Data Lake • GCP • DevOps
• Airflow • Snowflake • NodeJS •
HTML/CSS/JavaScript/JQuery • ReactJS
• NodeJS • NextJS • CI/CD • ETL
Libraries:
TensorFlow • PyTorch • Sci-Kit Learn •
Matplotlib • Pandas • Numpy • Keras

TOOLS/APPLICATIONS

VS Code • ETL • Dataiku • MS Visio •
Docker • Tableau • GITHUB • Advanced
EXCEL • Latex • Microsoft Power BI

EXPERIENCE

ROYAL BANK OF CANADA | CO-OP, FINANCIAL DATA ANALYST

Sept. 2023 – Apr 2024 | Mississauga, ON

- Designed and developed (front-end + back-end) public-facing web applications for the business team to access and utilize resources.
- Developed a machine learning model for performing Analysis and developed a dashboard in Tableau for data visualization.
- Created automated Python scripts that automate the month-end survey consolidation process.

PUMPUMP PVT. LTD. | DATA ANALYST

Jul 2021 – Aug 2022 | New Delhi, India

- Facilitated the data exploration, wrangling, and querying part of a price-elastic logistic regression model on customer segments to maximize profitability.
- Developed actionable insights using Tableau for data visualization by making an interactive dashboard, thus boosting target attainment of sales executives by 8 percent.
- Managed data integration from both on-premises and cloud storage sources, implementing stored procedures and views to ensure access to clean and meaningful data.

CIGNEX DATAMATICS | SOFTWARE DEVELOPER

Jan 2021 – May 2021 | New Delhi, India

- Worked on three web applications targeting customers, selling vendors, and admin users; built 50+ RESTful APIs with functionalities such as login/sign up, cart, checkout, etc.
- Improved the response time by refactoring the codebase and changing database design and queries.
- Developed 2 projects E-commerce web app and an Instagram clone utilizing knowledge of ReactJS, and NodeJS.

RELEVANT PROJECTS

MORTGAGE FUNDING PREDICTION | DATA SCIENCE PROJECT

Jan 2023 – Mar. 2023 | Windsor, ON

- Developed an automated mortgage application pre-screening service.
- The goal of the project was to flag the online mortgage applications that are more likely to be funded by their bank so that the financial analysts can follow up with them individually before they churn.

WEB SCRAPPING DATASET FOR SOCCER PLAYERS

SEGMENTATION | DATA SCIENCE AND MACHINE LEARNING PROJECT

Sep 2022 – Nov 2022 | Windsor, ON

- Developed a machine learning model that predicts a player substitute based on feature selection techniques.
- Scrapped a dataset that reflects the most recent player's ratings.
- Created a dashboard that completes a quick analysis of different players' abilities based on various features.

RECOGNITIONS

2023 Completed Machine Learning by Andrew NG on Coursera.
2023 Completed Introduction to Data Science in Python on LinkedIn
2023 Completed Hackerrank Certified SQL Intermediate Level
2022 Completed Introduction to Hadoop and Hive on LinkedIn