Himanshu Rao

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EDUCATION

UNIVERSITY OF WINDSOR
Masters in Applied Computing
Dec 2023 | Windsor, ON
Cum. GPA: 7.9

GALGOTIAS UNIVERSITY
Bachelors of Technology in Computer Science
May. 2021 | Uttar Pradesh
Cum. GPA: 7.8

COURSEWORK

GRADUATE

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

UNDERGRADUATE

Programming in Python
Object Oriented Programming in C++
Data Structure 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
Human-Computer Interaction
Advanced C Programming
Compilers

SKILLS

TECHNICAL

Python • Java • C++ • DJANGO • SQL • MongoDB• Hadoop • Hive • PySpark • HTML/CSS/JavaScript/JQuery • NodeJS
Libraries:
TensorFlow • PyTorch • Sci-Kit Learn • Matplotlib• Pandas • Numpy • Keras

TOOLS/APPLICATIONS

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

EXPERIENCE

ROYAL BANK OF CANADA | Co-op, Financial Data Analyst
Sept. 2023 – present | 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.

CIGNEX DATAMATICS | Software Developer
Jan 2020 – Mar 2020 | 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.
- Utilized tools such as Git and JIRA to manage projects and track progress.

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.

SMART HOME UTILITY | Web Application Project
Nov 2022 – Dec 2022 | Windsor, ON
- Developed an IoT Smart Home Utility application where users can manage their home utilities such as Electricity, Water, and Gas to avoid wastage.
- Used HTML, CSS, JavaScript, React-Native, Python, MongoDB, and Flutter UI Framework to develop a user-interactive platform with Firebase to manage CRUD operation.
- Followed Agile Methodology and did Scrum meeting every day to follow the remaining backlogs. Also did the sprint retrospective every 2 weeks for scheduled releases and managed the project using Jira.

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 player's 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